COVER PAGE

13-55324

1110650003
Arnold Magnetic Technologies
Category: 19C Superfund Technical
Document Date: 11/20/2013

Volume 5 of 10

CONTENTS:

Focused Site Investigation Report

THIS PAGE FOR IMAGING PURPOSES

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS2385417	0 - 1/8 Mile WNW
I27	USGS2385428	1/4 - 1/2 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I25	IL1110650	1/4 - 1/2 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	IL10234712	1/8 - 1/4 Mile WNW
3	IL10234809	1/8 - 1/4 Mile NW
B4	IL10234389	1/8 - 1/4 Mile ESE
5	IL10235020	1/8 - 1/4 Mile NNW
B6	IL10234343	1/8 - 1/4 Mile ESE
7	P63051	1/8 - 1/4 Mile NW
C8	P63112	1/8 - 1/4 Mile WSW
C9	P63113	1/8 - 1/4 Mile WSW
10	IL10233368	1/4 - 1/2 Mile SSW
11	IL20003886	1/4 - 1/2 Mile West
D12	P63111	1/4 - 1/2 Mile SE
D13	P63110	1/4 - 1/2 Mile SE
E14	P63053	1/4 - 1/2 Mile WNW
E15	P63052	1/4 - 1/2 Mile WNW
16	IL10235103	1/4 - 1/2 Mile WNW
F17	IL10233688	1/4 - 1/2 Mile SW
F18	IL10233687	1/4 - 1/2 Mile SW
G19	IL10235516	1/4 - 1/2 Mile NNE
G20	IL10235517	1/4 - 1/2 Mile NNE
H21	P63109	1/4 - 1/2 Mile South
H22	P63107	1/4 - 1/2 Mile South
H23	P63108	1/4 - 1/2 Mile South
H24	P63106	1/4 - 1/2 Mile South
I26	IL20003899	1/4 - 1/2 Mile ENE
I28	IL10235012	1/4 - 1/2 Mile ENE
29	P63115	1/2 - 1 Mile SW
30	P63054	1/2 - 1 Mile WNW
J31	IL10235099	1/2 - 1 Mile ENE
J32	IL10235062	1/2 - 1 Mile ENE
33	P63047	1/2 - 1 Mile ENE
34	IL10234475	1/2 - 1 Mile East
K35	P63118	1/2 - 1 Mile WSW
K36	P63119	1/2 - 1 Mile WSW
K37	IL10234173	1/2 - 1 Mile WSW
L38	P63048	1/2 - 1 Mile North

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L39	P63050	1/2 - 1 Mile North
L40	P63049	1/2 - 1 Mile North
41	IL10235098	1/2 - 1 Mile WNW
M42	IL10233292	1/2 - 1 Mile WSW
43	IL10235418	1/2 - 1 Mile ENE
N44	P63046	1/2 - 1 Mile ENE
N45	P63045	1/2 - 1 Mile ENE
46	P63055	1/2 - 1 Mile West
47	IL10232916	1/2 - 1 Mile SW
M48	IL10233110	1/2 - 1 Mile SW
49	IL10234171	1/2 - 1 Mile West
50	IL10231839	1/2 - 1 Mile SSW
O51	IL10235521	1/2 - 1 Mile ENE
O52	IL10235518	1/2 - 1 Mile ENE
O53	IL10235519	1/2 - 1 Mile ENE
O54	IL10235520	1/2 - 1 Mile ENE
55	IL10232282	1/2 - 1 Mile SW
P56	IL10235019	1/2 - 1 Mile ENE
Q57	P63114	1/2 - 1 Mile SSW
58	IL10235417	1/2 - 1 Mile WNW
P59	IL10235144	1/2 - 1 Mile ENE
Q60	IL10231840	1/2 - 1 Mile SSW
61	IL10235822	1/2 - 1 Mile NW
R62	P63057	1/2 - 1 Mile WNW
R63	P63056	1/2 - 1 Mile WNW
64	IL10235279	1/2 - 1 Mile ENE
65	P63058	1/2 - 1 Mile WNW
66	IL10234172	1/2 - 1 Mile West
S67	IL10232284	1/2 - 1 Mile SW
S68	IL10232150	1/2 - 1 Mile SW
69	IL10235489	1/2 - 1 Mile WNW
T70	IL10231892	1/2 - 1 Mile SW
71	IL10231464	1/2 - 1 Mile SSW
T72	IL10231843	1/2 - 1 Mile SW
T73	IL10231844	1/2 - 1 Mile SW
74	IL10236052	1/2 - 1 Mile NW

Illinois EPA FOIA Exemption Reference Sheet

SID: 12171

Agency ID: 170000116265 Media File Type LAND
Bureau ID: 1110650003
Site Name: Arnold Magnetic Technologies
Site Address1: 300 N West St
Site Address2:
Site City: Marengo State: IL Zip: 60152-

This record has been determined to be partially or wholly exempt from public disclosure

Exemption Type:

Portion Removed

Exempt Doc #: 13 **Document Date:** 11/18/2013 **Staff:** EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 5 -- PHYSICAL SETTINGS SOURCE MAP

Category ID: 31A **Category Description:** SITE REMEDIATION - TECHNICAL **Exempt Type:** Portion Removed
Permit ID: **Date of Determination:** 11/27/2013

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Exemption Type:

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Exempt Doc #: 14 **Document Date:** 11/18/2013 **Staff:** EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 5

Category ID: 31A **Category Description:** SITE REMEDIATION - TECHNICAL **Exempt Type:** Portion Removed
Permit ID: **Date of Determination:** 11/27/2013

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Floor	# Sites	Min pCi/L	Avg pCi/L	Max pCi/L	# Sites>4pCi/L	# Sites>20	County
Basement	66	0.6	4.4	23.6	20	1	MCHENRY
1st Floor living area	3	3.2	8.1	13.2	2	0	MCHENRY
1st Floor bedroom	8	0.5	2.4	3.9	0	0	MCHENRY
Total	77	0.5	4.3	23.6	22	1	MCHENRY

Federal EPA Radon Zone for MCHENRY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MCHENRY COUNTY, IL

Number of sites tested: 17

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.520 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.012 pCi/L	53%	47%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Records
Source: Illinois Geological Survey
Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Water Well Location Information
Source: Illinois Environmental Protection Agency
Telephone: 217-782-0810

OTHER STATE DATABASE INFORMATION

RADON

State Database: IL Radon
Source: Department of Nuclear Safety
Telephone: 217-785-9958
County Radon Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

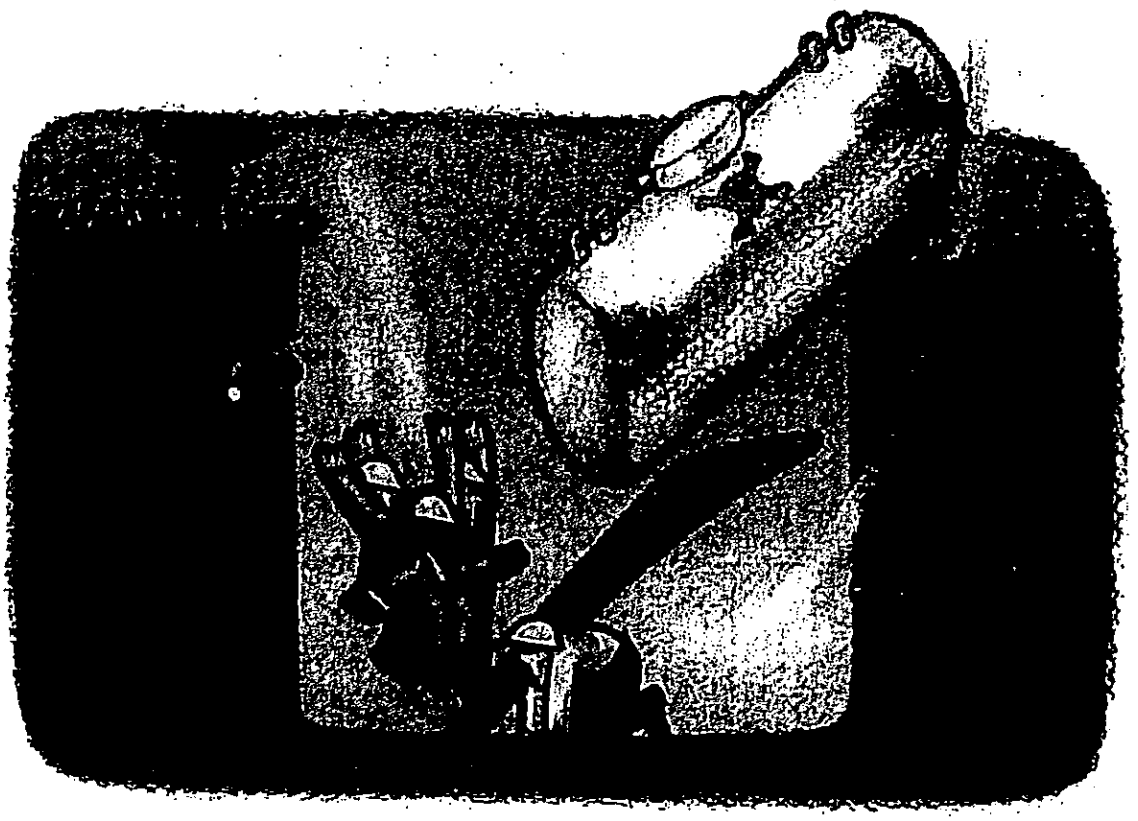
Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Appendix J

Previous Environmental Reporting



Ground Penetrating Radar Survey

Subject Property
Arnold Technologies
300 North West Street
Marengo, Illinois 60152

Prepared For
Mr. John Daley
John Daley and Associates
2340 River Road – Suite 202
Des Plaines, Illinois 60018

September 13, 2006
EGSL Project Number: 601107

ENVIRONMENTAL GROUP SERVICES, LTD.

Ground Penetrating Radar Survey

SUBJECT PROPERTY

Arnold Technologies
300 North West Street
Marengo, Illinois 60152

Prepared For

Mr. John Daley
John Daley and Associates
2340 River Road – Suite 202
Des Plaines, Illinois 60018

Prepared By

ENVIRONMENTAL GROUP SERVICES, LTD.
557 WEST POLK STREET, SUITE 201
CHICAGO, ILLINOIS 60607

Field Inspectors:
Bill Lennon
Antonela Vadan

Inspection Date:
August 25, 2006

EGSL Project Number: 601107

1 EXECUTIVE SUMMARY

Environmental Group Services, Limited (EGSL) of Chicago, Illinois was contracted by *John Daley and Associates* to perform a Ground Penetrating Radar (GPR) Survey of the property known as Arnold Technologies, located at 300 North West Street, Marengo, Illinois (herein referred to as the Subject Property or the Site).

The GPR Survey consisted of utilizing a USRADAR Seeker SPR Subsurface Imaging System equipped with a 500 MHz antenna. All areas of concern were scanned utilizing a 3-foot interval grid pattern in North-South and East-West directions. Maximum penetration depth of the GPR system at the Subject Property was approximately 8-feet below ground surface.

A GPR is typically utilized to detect subsurface objects. The GPR system sends a series of radar pulses into the subsurface and then calibrates and processes the information. Any reflected signals showing different characteristics from its surrounding media will represent an anomaly. The anomalies can then be displayed on-screen in order to determine its relative shape and depth. It should be noted that the subsurface anomalies represent the general shape, size and location of subsurface objects, and is in no way fully signifying a specific object and/or excavation.

The purpose of this GPR Survey was to confirm or deny the presence of multiple underground storage tank (UST) systems reported to be located at the Subject Property. Listed below are the areas of concern scanned and GPR Survey results:

Area of Concern	Reported USTs	GPR Results	Scan Number
1	One, 10,000-gallon fuel oil	Anomaly representative of the excavation of an area the could have contained a 10,000-gallon UST	SVY_8
2	One, 1,500-gallon core oil	Anomaly representative of the excavation of an area the could have contained a 1,500-gallon UST	SVY_9
3	One, 6,000-gallon acetone	Anomaly representative of an underground storage tank	SVY_12
4	Two, 1,000-gallon rolling oil	Anomaly representative of two underground storage tanks lying side-by-side	SVY_7
5	One, 20,000-gallon oil	No significant anomalies detected. It should be noted that this area was located within a fenced-in storage area with machinery and equipment present. EGSL was unable to achieve full maneuverability in order to fully depict any subsurface scans in this area.	N/A
6	One, 6,000-gallon menthol alcohol One, 6,000-gallon chlorophine	Anomaly representative of the excavation of an area the could have contained two, 6,000-gallon USTs lying end-to-end	SVY_13

Area of Concern	Reported USTs	GPR Results	Scan Number
7	One, 3,500-gallon coolant	No significant UST anomalies detected. It should be noted that this area contained a historical building that was demolished. GPR scans in the reported tank area resulted in numerous shallow anomalies of large debris that may be representative of the remains of the former building; as such, any scans for the UST system were inconclusive.	N/A
8	Two fuel oil tanks of unknown size	Anomaly representative of two underground storage tanks lying side-by-side	SVY_11
9	One, 10,000-gallon gasoline	Anomaly representative of the excavation of an area the could have contained a 10,000-gallon UST	SVY_6

See Appendix A for Area of Concern Locations.
See Appendix B for GPR Scans and Photographic Documentation.

2 CONCLUSIONS AND RECOMMENDATIONS

The Ground Penetrating Radar Survey conducted at nine areas of concern revealed the following:

- GPR Scans in Areas 3, 4 and 8 indicated the possible presence of UST systems in each area. As such, EGSL recommends that subsurface sampling be conducted along all four walls and the floor of each tank system in order to determine if any of the USTs have negatively impacted the subsurface soil.

- GPR Scans in Areas 1, 2, 6 and 9 indicated anomalies characteristic of possible excavations in each area. The locations and dimensions of each possible excavation were representative of the reported UST system for each area. EGSL recommends that subsurface sampling be conducted along all four walls and the floor of each excavation in order to determine if any of the reported former USTs have negatively impacted the subsurface soil.

- GPR Scans in Area 5 were inconclusive to the possible presence of a UST system due to surface debris. EGSL was able to perform limited scans in the area; however, none of the scans indicated any anomalies representative of a UST system. One subsurface soil sample was obtained from this area during a previous subsurface investigation conducted by EGSL; analytical results indicated no chemicals of concern above IEPA Tier 1 Remediation Objectives. EGSL believes that this UST system may still be present; as such, it is recommended that the tank be removed in accordance with all federal, state and, local regulation if encountered during any future demolition activities.

- GPR Scans in Area 7 were inconclusive to the possible presence of a UST system due to subsurface debris related to the historical demolition of the former building. EGSL

recommends that a test pit be excavated in the reported area of the UST system in order to confirm or deny its presence.

3 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This report pertains to the property known as Arnold Technologies, located at 300 North West Street, Marengo, Illinois. Our professional services have been performed using the degree of care and skill ordinarily exercised under similar circumstances by environmental professionals practicing in this field. The representations made in this report are accurate and true to the best knowledge of the undersigned.

Sincerely,

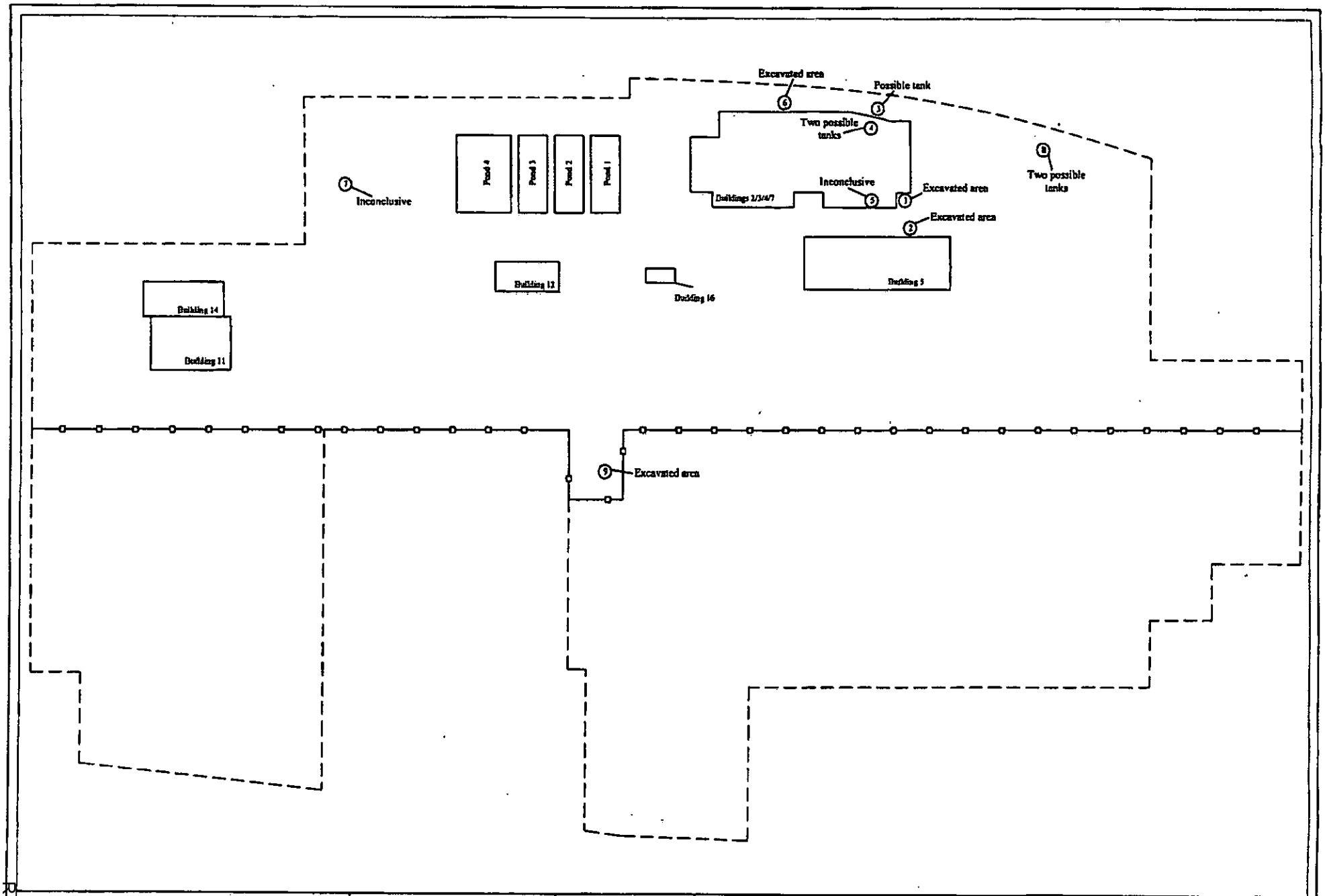
ENVIRONMENTAL GROUP SERVICES, LIMITED

Vahooman Mirkhaef
President

Bill Lennon
Project Manager

Appendix A

Site Location Map



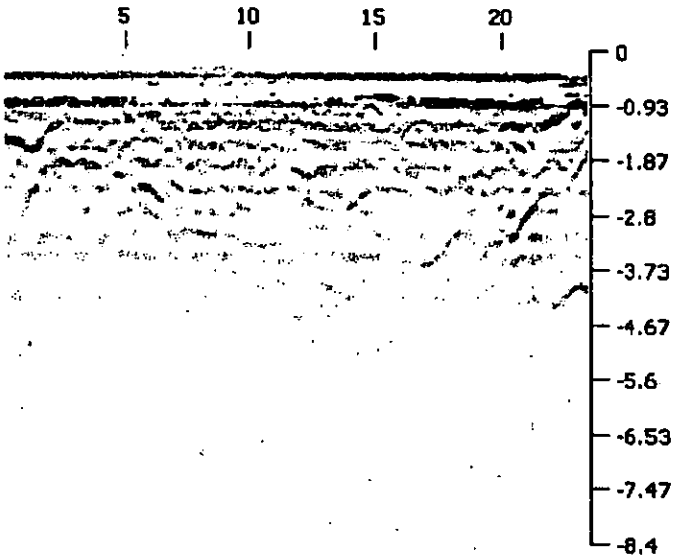
EGSL Environmental Group Services LTD. 357 West Polk Street Suite 201 Chicago, Illinois 60607	Project Name Arnold Technologies 300 West Street Marengo, Illinois	Project Number 601107	(1) Area of Concern Subject Property Boundary Fenceline	GRAPHIC SCALE Not to Scale N

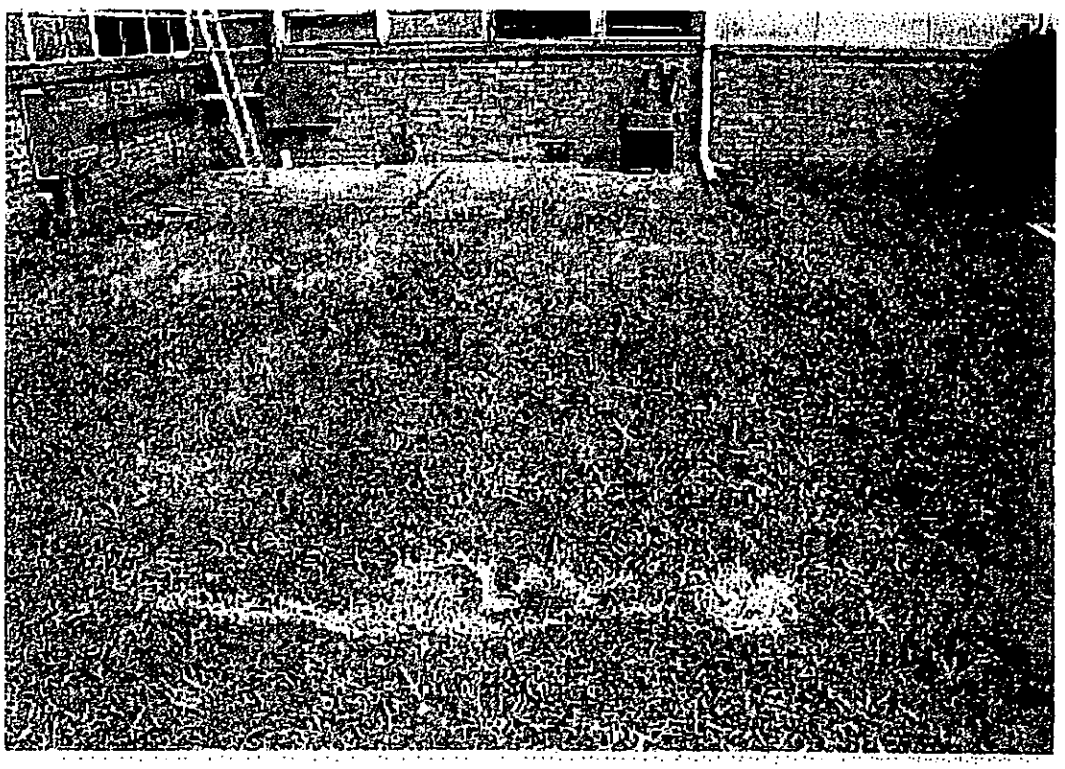
R001299

Appendix B

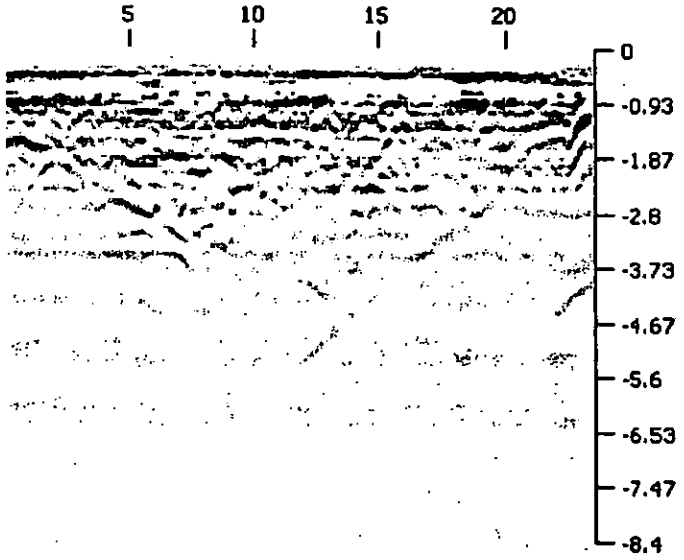
GPR Scan Results and Photographic Documentation

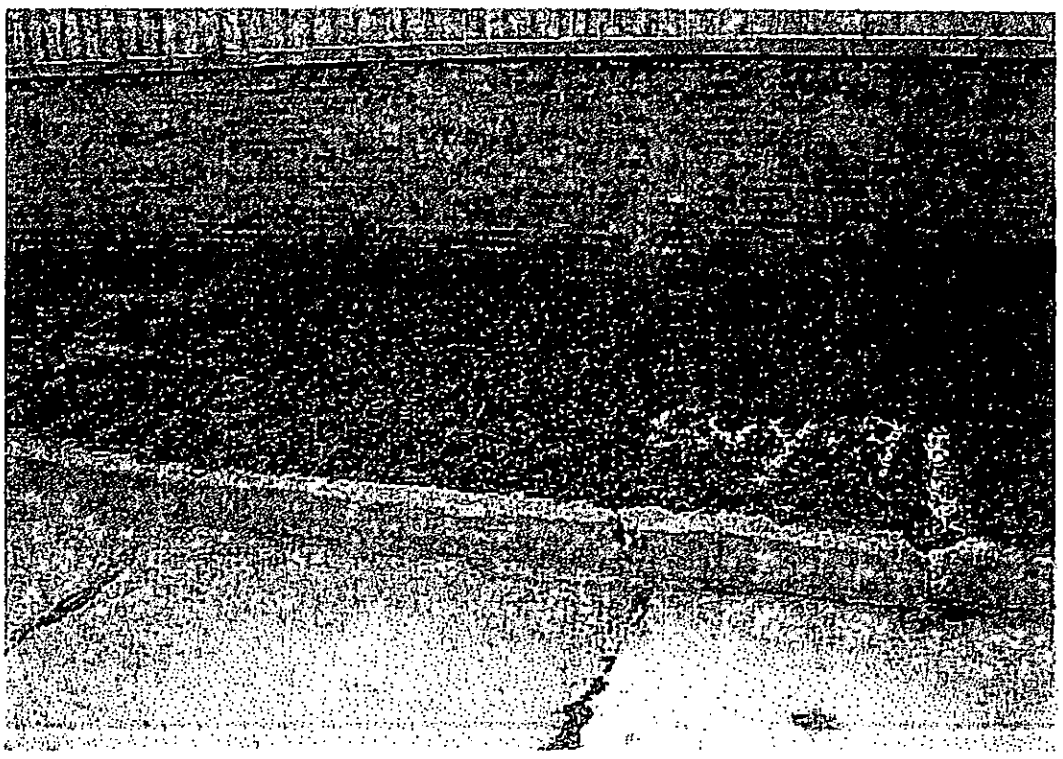
Area 1 – Survey 8



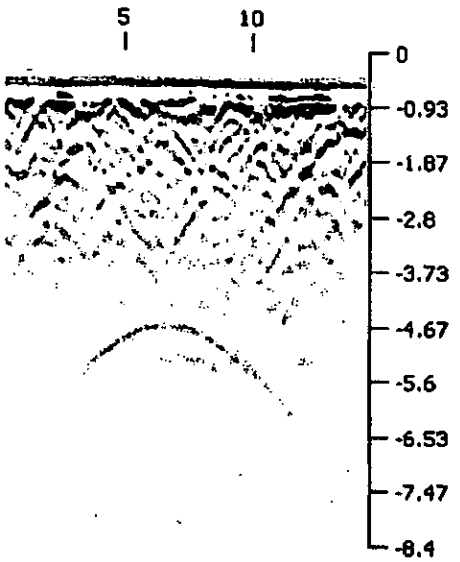


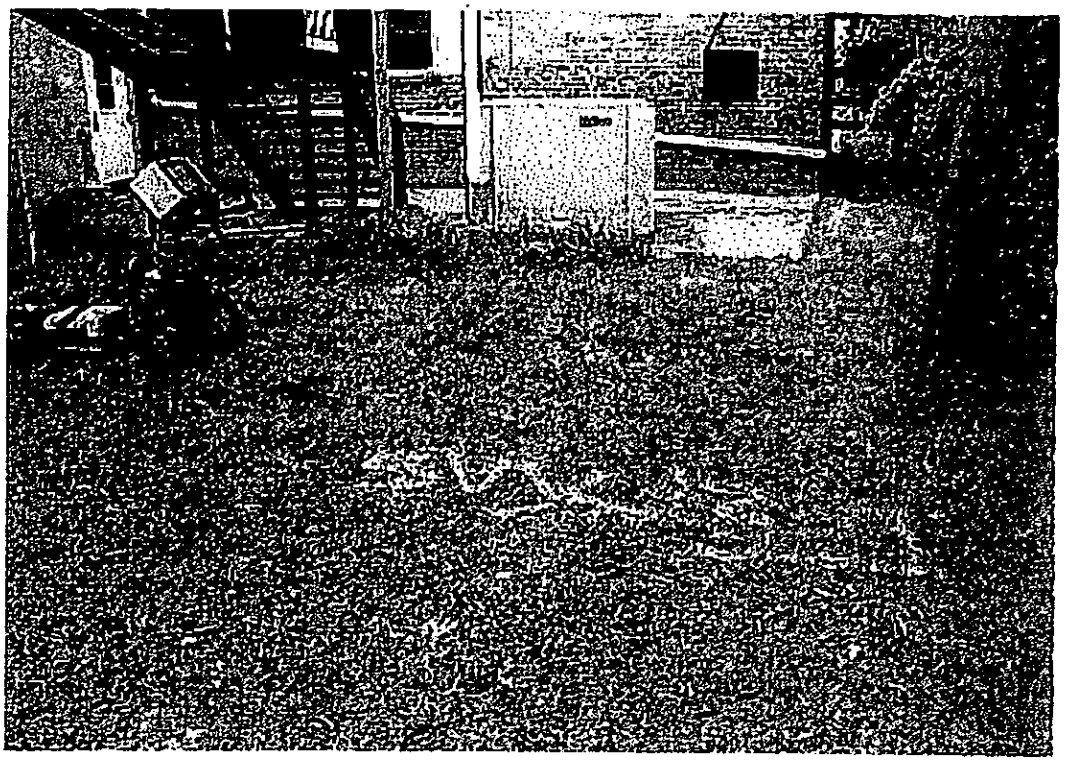
Area 2 – Survey 9



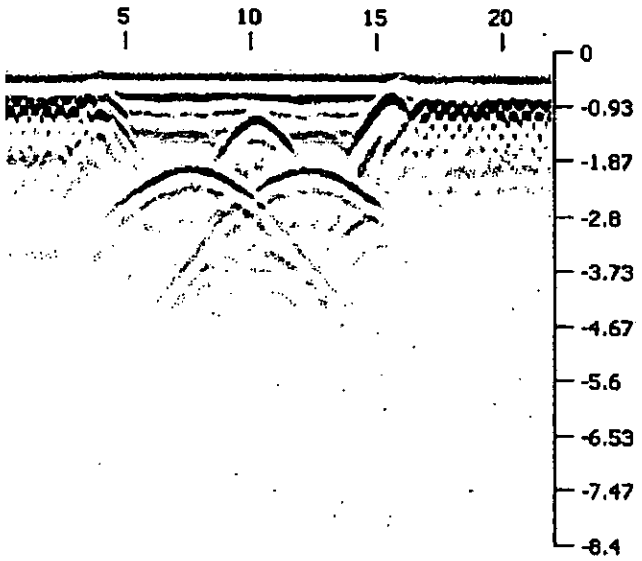


Area 3 – Survey 12

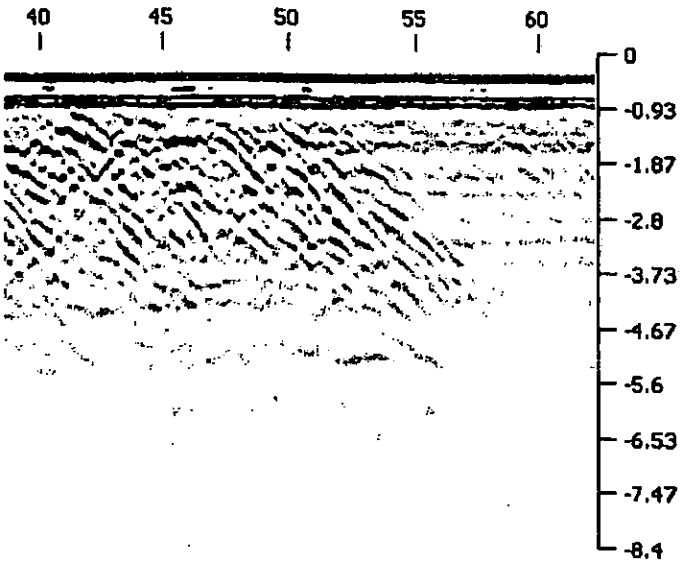


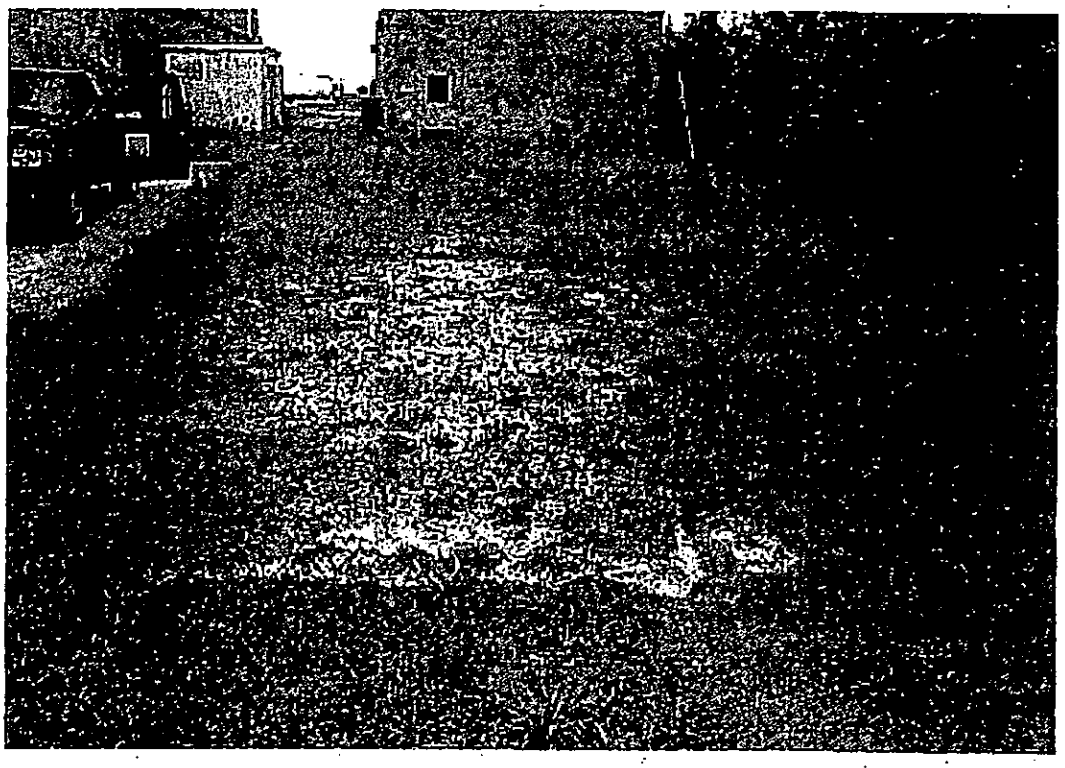


Area 4 – Survey 7

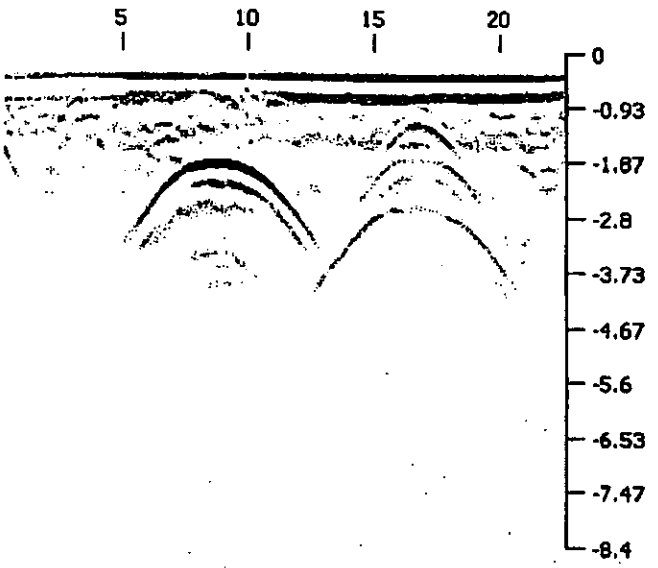


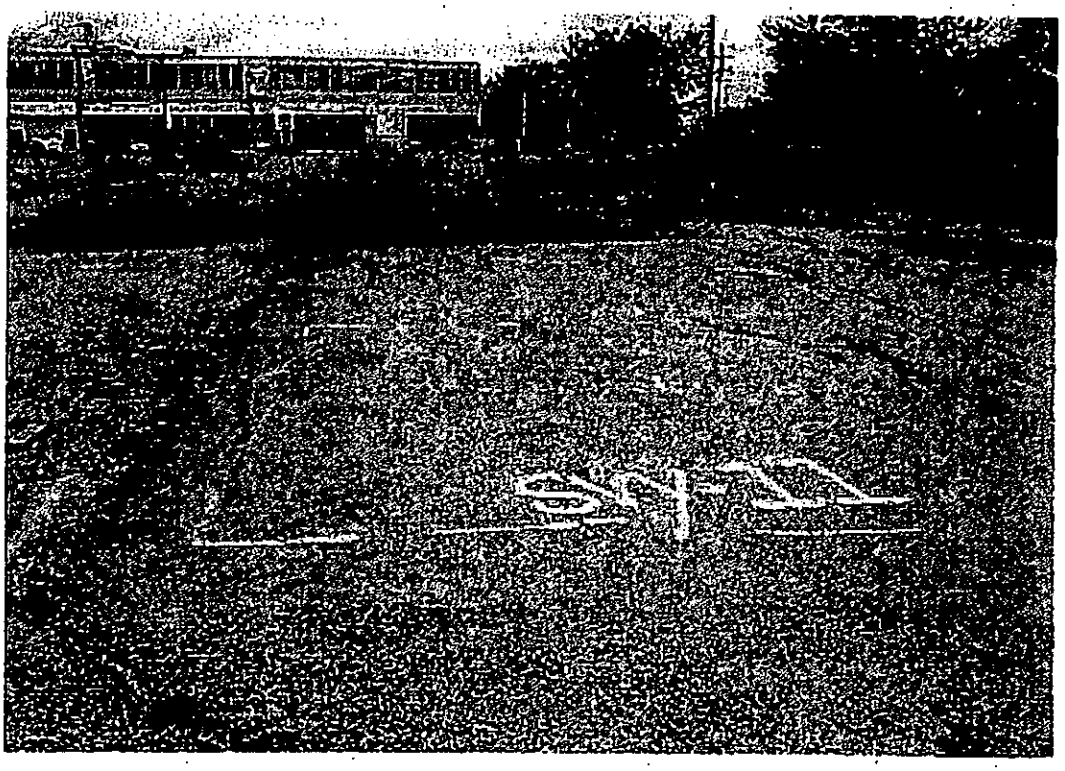
Area 6 – Survey 13



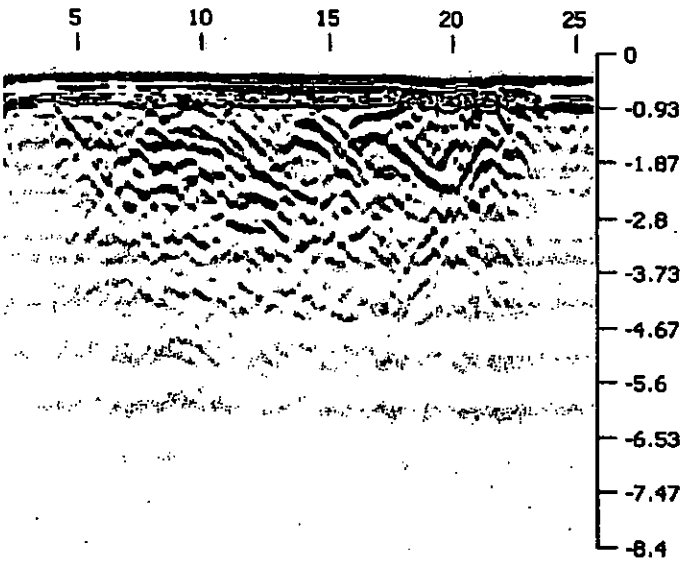


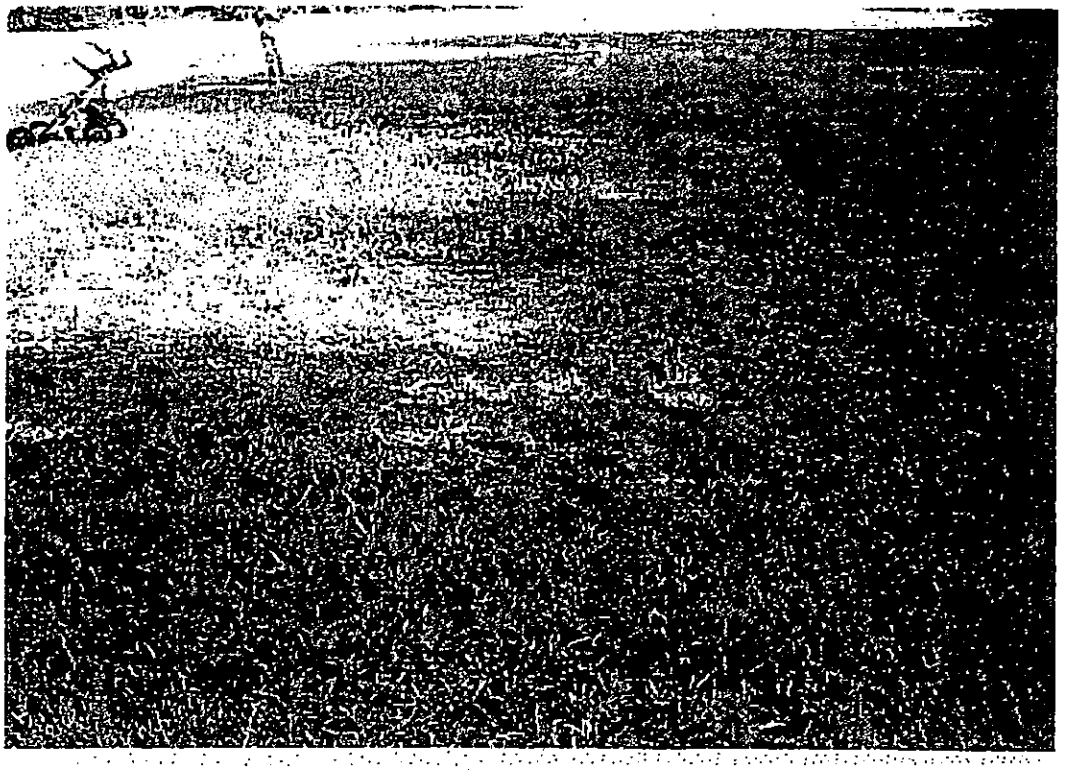
Area 8 – Survey 11





Area 9 – Survey 6





Appendix K

IEPA Water Pollution Control Permit

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

LOG NUMBERS: 0690-06 KK

PERMIT NO.: 2006-EO-0690

PT/E 4

DATE ISSUED: APR 2 1 2006

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS
PREPARED BY: Arnold Engineering Company

SUBJECT: ARNOLD ENGINEERING CORPORATION (MARENGO FACILITY) - Wastewater Treatment and Recycle System - McHenry County

RECEIVED
MAY 1 2006
Div. Water Pollution Control
Field Operations Section - Reg. 2

PERMITTEE TO OWN AND OPERATE

Arnold Engineering Corporation
300 N. West Street
Marengo, Illinois 60152

Permit is hereby granted to the above designated Permittee(s) to construct and/or operate water pollution control facilities described as follows:

Wastewaster treatment and recycle system consisting of a series of four ponds (ponds #1-4) of 3 million gallon total capacity, one extended aeration activated sludge treatment plant tributary to Pond#1, one diked percolation field and all pumps, piping and appurtenances necessary to treat sanitary wastewater, cooling water and process wastewater (an average of 2,200,000 gpd, and a maximum of 2,500,000 gpd). Treated wastewater from the four ponds (Ponds #1-4) will either be recycled back to plant operations or discharged to the percolation field via an industrial ditch.

This Permit renews and replaces Permit Number 2004-EO-0971 which was previously issued for the herein permitted facilities.

This operating permit expires on March 31, 2011.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

SPECIAL CONDITION 1: This Permit is issued with the expressed understanding that there shall be no surface discharge from these facilities. If such discharge occurs, additional or alternate facilities shall be provided. The construction of such additional or alternate facilities may not be started until a Permit for the construction is issued by this Agency.

SPECIAL CONDITION 2: Issuance of this permit does not release the Permittees from any liability for prior violations of the Act or Rules and Regulations promulgated thereunder.

SPECIAL CONDITION 3: The operation of the treatment facilities must be under the direct and active field supervision of a

THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

SAK:SMT:069006.wpd

DIVISION OF WATER POLLUTION CONTROL

Alan Keller

Alan Keller, P.E.
Manager, Permit Section

cc: EPA - Des Plaines FOS
Arnold Engineering Company
Records - Industrial
Binds

LOG NUMBERS: 0690-06

PERMIT NO.: 2006-EO-0690

DATE ISSUED: APR 21 2006

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS
PREPARED BY: Arnold Engineering Company

SUBJECT: ARNOLD ENGINEERING CORPORATION (MARENGO FACILITY) - Wastewater Treatment and Recycle System - McHenry County

Chapter 1, Part 312.

SPECIAL CONDITION 4: All sludges generated on site shall be disposed of at a site and in a manner acceptable to the Agency.

SPECIAL CONDITION 5: Monitoring and Reporting Requirements

A. Samples shall be collected of the treated wastewater at a point representative of the dicharge from Pond #4 (final stage) but prior to entry into the ditch tributary to the percolation field. Monthly samples shall also be collected from the monitoring wells identified in the permit application as MW-1, MW-2, MW-3, MW-A4, MW-A5, MW-A6, MW-A7, and MW-A8. All samples shall be analyzed for the following parameters:

Parameter	Sample Type	Frequency	Class I Groundwater Quality Standards
1.1.1 - trichloroethane, mg/l	Grab	Once/Month	0.2 mg/l
Tetrachloroethylene, mg/l	Grab	Once/Month	0.005 mg/l
Trichloroethylene, mg/l	Grab	Once/Month	0.005 mg/l
Total Dissolved Solids, mg/l	Grab	Once/Month	1,200 mg/l
Nickel, mg/l	Grab	Once/Month	0.1 mg/l
pH	Grab	Once/Month	6.5 - 9.0 SU

B. Flow rate from Pond #4 to the ditch tributary to the percolation field shall be recorded, in million gallons per day, as a daily maximum and monthly average.

C. Monitoring shall be conducted according to test procedures approved in 40 CFR 136 or other Agency approved methods. The monitoring results and flow data shall be tabulated and submitted to the Agency on a semi-annual basis (May and November of each year) to the following addresses:

Illinois Environmental Proection Agency
Division of Water Pollution Control
Compliance Assurance Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Illinois Environmental Protection Agency
DWPC - Des Plaines Region
9511 W. Harrison
Des Plaines, Illinois 60016

READ ALL CONDITIONS CAREFULLY:
STANDARD CONDITIONS

The Illinois Environmental Protection Act (Illinois Revised Statutes Chapter 111-12. Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.

2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.

3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.

4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:

   a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;

   b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;

   c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;

   d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;

   e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.

5. The issuance of this permit:

   a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;

   b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;

   c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;

   d. does not take into consideration or attest to the structural stability of any units or parts of the project;

   e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.

6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.

7. These standard conditions shall prevail unless modified by special conditions.

8. The Agency may file a complaint with the Board for suspension or revocation of a permit:

   a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or

   b. upon finding that any standard or special conditions have been violated; or

   c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

State of Illinois
Environmental Protection Agency

Subject: The Arnold Engineering Corporation
Data: 0690-06
Reviewed By: Shu-Mei Tsai

Date: Monday, April 17, 2006

Names of Project

Permittee: Arnold Engineering Corporation 300 N. West Street Marengo, Illinois 60152 (McHenry County) 585-385-9010
Facility: Arnold Engineering Corporation 300 N. West Street Marengo, Illinois 60152 (McHenry County) 585-385-9010
Engineer:
Intermediate Sewer Owner:
POTW:

Signatures:

Applicant(s)	Michael D. Kaser, Chief Financial Officer of Arnold Engineering Corporation
Engineer	N/A
Owner/Operator	N/A
Intermediate Sewer Owner	N/A
POTW	N/A

PROJECT:

Arnold Magnetic Technologies Corporation requests to renew of Water Pollution Control Operating no. 2004-EO-0971. The existing system neither discharge to POTW nor associated with a municipal sewer. An on-site well provides the potable and process water.

The recycled water system contains a series of 4 ponds of 3 million gallons and 1.5 mgd of cooling water through a separate distribution system. A 850 feet deep private well supplies sanitary water, make-up cooling water, and process water and approximately 126,000gpd flows into the recycle water system. Arnold Magnetic technologies indicated that "no changes have been made to the subject system since the existing operating permit was issued in 2004".

Subject: The Arnold Engineering Corporation
Data: 0690-06
Reviewed By: Shu-Mei Tsai

Date: Monday, April 17, 2006

UPDATE:

In the previous permit, IEPA requested Arnold Engineering Corporation to collect the samples of treated wastewater monthly, and that includes 1,1,1-Trichloroethane, Tetrachloroethylene, Trichloroethylen, Total Dissolved Solids, Nickel, and pH. In November 14, 2005, IEPA received the semi-annual report of groundwater monitoring. The samples came from the Well #1, Well #2, Well #3, Outfall Pond 4, and the flow rates of Pond #5. *Received the fax of the data sheet, the reading of sampling data is below the standard.*

Talk to the applicant Stephen Brisson on Monday, April 17, 2006 (1:00pm). I asked him about the Special Condition 6 because I didn't find any data for MWA4, MWA5, MWA6, MWA7, and MWA8. It also didn't include the pH reading. I also checked the Special Condition 9 with him, and I can't find the Pond 6 in the site map, which came with the application. Mr. Brisson told me they would send the next report in May 2006. However, I told him I don't have any data of MWA4-MWA8. He could not answer me the questions. He told me he would ask Don Smith (URS Corporation) to answer my questions.

Don Smith (URS Corporation) called me on Monday, April 17, 2006 (1:50pm). He said he would fax the data of MWA4, MWA5, MWA6, MWA7, and MWA8 including pH reading next day (Tuesday, April 18, 2006). He also indicated the Pond 6 and the building next to the Pond 6, which were not exiting anymore after IEPA issued the previous permit (July, 2004). Therefore, URS could not have any sampling data from Pond 6. Arnold set up an off-site MW-09 at the previous location of Pond 6 for sampling (the West of approximately 300 feet from Pond 1). Arnold faxed some sampling data and the results were U, which were the analyses not detected (April 18, 2006)

Stephen Brisson fax 11 pages information (on Tuesday, April 18, 2006) to indicate that Arnold receive that validated results and all results were below the method detection limits (5 ug/l) of three private well down gradient (north and northwest) of the facility. *(The Special Conditions 5 and 9 in the previous permit will not included in the new permit)* In the letter, it also indicated that Arnold Engineering has checked the records and 1, 1,1 – Tirchoroethane has not been used at the facility for many years. Arnold also was not observing any increase in concentration of any other contaminants in any of the other wells on and off site. *(The Special Condition 8 in the previous permit will not be included in the new permit).* In the letter, Mr. Brisson also indicated that Arnold completed a Waste Use Survey. *(The Special Condition 7 will not be included in the new permit).*

ACTION:

The Agency will issue a permit with appropriate special conditions.

IL690-06

Illinois Environmental Protection Agency
Permit Section, Division of Water Pollution Control
P.O. Box 19276
Springfield, Illinois 62794-9276

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Application for Permit or Construction Approval
WPC-PS-1

1. Owner Name: Arnold Magnetic Technologies Corporation

   Name of Project: Operating Permit Renewal for Existing Sanitary/Industrial Water Recycling System

   Township: Marengo County: McHenry

2. Brief Description of Project:

   Renewal of operating permit for existing sanitary and industrial water recycling system. Original permit application submitted in 1975 and system has been in operation since that date. Process diagram and description is attached.

3. Documents Being Submitted: If the Project involves any of the items listed below, submit the corresponding schedule, and check the appropriate boxes.

	Schedule		Schedule
Private Sewer Connection/Extension	A/B ☐	Spray Irrigation	H ☐
Sewer Extension Construct Only	C ☐	Septic Tanks	I ☐
Sewage Treatment Works	D ☑	Industrial Treatment/Pretreatment	J ☑
Excess Flow Treatment	E ☐	Waste Characteristics	N ☑
Lift Station/Force Main	F ☐	Erosion Control	P ☐
Fast Track Service Connection	FTP ☐	Trust Disclosure	T ☐
Sludge Disposal	G ☑		

   Plans: Title Arnold Engineering Water Recycle System No. of Pages: 1

   Specifications: Title N/A No. of Books/Pages: _____

   Other Documents: N/A
   (Please Specify)

3.1 Illinois Historic Preservation Agency approval letter: Yes ☐ No ☑

4. Land Trust: Is the project identified in item number 1 herein, for which a permit is requested, to be constructed on land which is the subject of a trust? Yes ☐ No ☑

   If yes, Schedule T (Trust Disclosure) must be completed and item number 7.1.1 must be signed by a beneficiary, trustee or trust officer.

5. This is an Application for (Check Appropriate Line):

   ☐ A. Joint Construction and Operating Permit
   ☐ B. Authorization to Construct (See Instructions) NPDES Permit No. IL00_____
   ☐ C. Construct Only Permit (Does Not Include Operations)
   ☑ D. Operate Only Permit (Does Not Include Construction)

6. Certifications and Approval:

6.1 Certificate by Design Engineer (When required: refer to instructions)
I hereby certify that I am familiar with the information contained in this application, including the attached schedules indicated above, and that to the best of my knowledge and belief such information is true, complete and accurate. The plans and specifications (specifications other than Standard Specifications or local specifications on file with this Agency) as described above were prepared by me or under my direction.

(Seal)

Engineer Name: N/A

Registration Number: _____ - _____
(3 digits) (6 digits)

Firm: _____

Address: _____

_____

City: _____ State: _____ Zip: _____ Phone No: _____

Signature X _____ Date: _____

7. Certifications and Approvals for Permits:

7.1 Certificate by Applicant(s)
I/We hereby certify that I/we have read and thoroughly understand the conditions and requirements of this Application, and am/are authorized to sign this application in accordance with the Rules and Regulations of the Illinois Pollution Control Board. I/We hereby agree to conform with the Standard Conditions and with any other Special Conditions made part of this Permit.

7.1.1 Name of Applicant for Permit to Construct: N/A

_____

Address: _____

City: _____ State: _____ Zip Code: _____

Signature X _____ Date: _____

Printed Name: _____ Phone No: _____

Title: _____

Organization: _____

7.1.2 Name of Applicant for Permit to Own and Operate: Arnold Magnetic Technologies Corp.

_____

Address: 300 N. West Street

City: Marengo State: IL Zip Code: 60152

Signature X _____ Date: 3-22-06

Printed Name: Michael D Kaser Phone No: (585) 385-9010

Title: Chief Financial Officer

7.2 Attested (Required When Applicant is a Unit of Government)

Signature X _____ Date: _____

Title: _____
(City Clerk, Village Clerk, Sanitary District Clerk, Etc.)

7.3 Applications from non-governmental applicants which are not signed by the owner, must be signed by a principal executive officer of at leasl the level of vice president, or a duly authorized representative.

7.4 Certificate By Intermediate Sewer Owner

I hereby certify that (Please check one):

☐ 1. The sewers to which this project will be tributary have adequate reserve capacity to transport the wastewater that will be added by this project without causing a violation of the environmental Protection Act or Subtitle C. Chapter I, or

☐ 2. The Illinois Pollution Control Board, in PCB _____ dated _____granted a variance from Subtitle C, Chapter I to allow construction of facilities that are the subject of this application.

Name and location of sewer system to which this project will be tributary:

Not Appplicable

Sewer System Owner: _____

Address: _____

City: _____ State:_____ Zip Code: _____

Signature X _____ Date: _____

Printed Name: _____ Phone No: _____

Title: _____

7.4.1 Additional Certificate By Intermediate Sewer Owner

I hereby certify that (Please check one):

☐ 1. The sewers to which this project will be tributary have adequate reserve capacity to transport the wastewater that will be added by this project without causing a violation of the environmental Protection Act or Subtitle C. Chapter I, or

☐ 2. The Illinois Pollution Control Board, in PCB _____dated _____granted a variance from Subtitle C, Chapter I to allow construction facilities that are the subject of this application.

☐ 3. Not applicable

Name and location of sewer system to which this project will be tributary:

No Applicable

Sewer System Owner: _____

Address: _____

City: _____ State:_____ Zip Code: _____

Signature X _____ Date: _____

Printed Name: _____ Phone No: _____

Title: _____

7.5 Certificate By Waste Treatment Works Owner

I hereby certify that (Please check one):

☐ 1. The waste treatment plant to which this project will be tributary has adequate reserve capacity to treat the wastewater that will be added by this project without causing a violation of the Environmental Protection Act or Subtitle C, Chapter I, or

☐ 2. The Illinois Pollution Control Board, in PCB _____ dated _____ granted a variance from Subtitle C, Chapter I to allow construction and operation of the facilities that are the subject of this application.

☐ 3. Not applicable

I also certify that, if applicable, the industrial waste discharges described in the application are capable of being treated by the treatment works.

Name of Waste Treatment Works: Not Applicable

Waste Treatment Works Owner: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Signature X _____ Date: _____

Printed Name: _____ Phone No: _____

Title: _____

Please return completed form to the following address:

Illinois Environmental Protection Agency
Permit Section, Division of Water Pollution Control
P.O. Box 19276
Springfield, Illinois 62794-9276

This Agency is authorized to require this information under Illinois Revised Statues, 1979, Chapter 111 ½, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

IL 532-0010
WPC 150

0690-06

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION
Springfield, Illinois 62706

SCHEDULE D TREATMENT WORKS

1. NAME AND LOCATION:

1.1 Name of project The Arnold Engineering Co.

1.2 Plant location

1.2.1 Is the treatment work site within the corporate limits of a municipality? YES ☐ NO ☒

1.2.2 NW (Quarter Section) 35 (Section) 44N (Township) 5E (Range) 3rd (P.M.)

1.2.3 Latitude 42 ° 15 ' 14 "North
Longitude 88 ° 37 ' 14 "West

1.2.4 Name of USGS Quadrangle Map (7.5 or 15 Minutes) Harvard IL-WI 15 Minute

1.2.5 State distance to nearest residence 300 feet

2. APPROXIMATE TIME SCHEDULE: Start of Construction _____ ; Date of Completion _____; Date operation begins _____

2.1 100% Design Load to be reached by year _____

3. MAPS AND DRAWINGS: Attach schematic flow diagram and submit plans and specifications.

4. RECEIVING STREAM: Name None ;
tributary to _____ ; tributary to _____

5. Is the treatment works subject to flooding? YES ☐ NO ☒ . If yes, what is the maximum flood elevation record (in reference to the treatment works datum) and what provisions have been made to eliminate the flooding hazard?

_____

6. DESIGN LOADINGS:

6.1 Design Population Equivalent (one population equivalent is 100 gallons of sewage per day, containing 0.17 pounds of BOD_5 and 0.20 pounds of suspended solids) 300 persons P.E.

6.2 Design Average Flow Rate 0.030 MGD Design Maximum Flow Rate 0.030 MGD.

6.3 Pounds of BOD Per Day 60 lbs/day Pounds of Suspended Solids Per Day unknown lbs/day.

6.4 Minimum 7-day, 10-year low flow N/A CFS N/A MGD.
Minimum 7-day, 10-year low flow obtained from _____

6.5 Proposed Dilution Ratio N/A : _____

7. DESIGN INFLUENT AND EFFLUENT:

7.1 Can the existing effluent quality be maintained during construction? YES ☐ NO ☐ If no, please explain
N/A

8. EXISTING LOADING TO TREATMENT WORKS:

8.1 Average Flow 0.001043 MGD (During the last 12 months) 0.000622 MGD (During 3 lowest flow months of the last 12 months)

8.1.1 Maximum Flow (use highest calendar month-monthly average) .003467 MGD

8.1.2 Dry Weather Flow (lowest calendar month) .0006 MGD

8.1.3 Equipment used in determining above flows Leopold Stevens 61-R Flow Meter

8.2 Average influent BOD Concentrations 231.9 mg/l

8.3 Average influent SS Concentrations 160.4 mg/l

8.4 List all Permit Numbers previously issued for this facility if available: 1994-EO-1340-2, 1999-EO-4027, 2004-EO-0971.

9. COMMUNITIES SERVED:

9.1 Is the Proposed facility in conformity with the planning requirements of Section 303e of the FWQA of 1972 for the area?

YES ☐ NO ☐

9.2 Communities presently being served by this treatment works

N/A

9.3 Communities to be served by this treatment works under this project

N/A

10. Domestic population of area served N/A Year of Census _____

11. Has a preliminary engineering report or facilities plan for this project been submitted to this Agency for approval?

YES ☒ NO ☐ Date Submitted 09/30/64

12. WASTE CHARACTERISTIC: Schedule N must be submitted.

13. SLUDGE DISPOSAL: Schedule G must be submitted.

14. EXCESS FLOW TREATMENT: Schedule E must be provided if applicable.

15. SYSTEMS RELIABILITY: Briefly describe provisions for operation during power failures, flooding, peak loads, equipment failures, maintenances shutdowns, and other emergencies

Each pump has an alarm to notify Maintenance if a failure occurs. There are redundant pumps so that, if a failure occurs, alternate pumps activate to handle the flow.

16. Can primary treatment and disinfection be provided at all times? YES ☒ NO ☐ . What will be effect of primary treatment and disinfection alone on the receiving stream? No receiving stream

17. DETECTABLE LEVELS OF CYANIDE: Does the treatment works in question receive detectable level of cyanide. YES ☐ NO ☒ If yes, submit Schedule L.

18. TREATMENT WORKS OPERATOR: List names of certified operators and certification class.

Heinz Boecker - Class 7

19. POTABLE WATER SUPPLY:

19.1 Does the project include the construction of any potable water supply wells? YES ☐ NO ☒

19.2 Will any connections be made to an existing potable water supply? YES ☐ NO ☒

0690-06

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied.

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DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION
Springfield, Illinois 62794-9276

SCHEDULE G SLUDGE DISPOSAL & UTILIZATION

1. Name of Project The Arnold Engineering Co.
2. General Information
   2.1 Source(s) Amcodyne Extended Aeration Activated Sludge Treatment Plant
   2.2 Production Volume per year 2,000 gal. Dry Tons per year 0.2
   2.3 Sludge to be disposed of is: Liquid x Dry Tons
   2.4 Sludge is: Aerobically digested [x], Anaerobically digested [ ], Heat Anaerobically digested [ ], Raw [ ], Chemically Stabilized [ ], Composted [ ], Wastewater Lagoon [ ], WTP Lime [ ], WTP Alum [ ], WTP Iron [ ], Other [ ].
   If other, describe _____. Mixture [ ], If mixture, describe _____
   2.5 Is the sludge defined as hazardous by State or Federal Law? YES [ ] NO [x]. If yes, basis.
   2.6 Is sludge to be stored on the STP site? YES [ ] NO [x] If yes, type of storage, lagoon [ ], storage tank [ ], Other [ ]. If other, describe _____ capacity of storage, _____ cu. ft.
   2.7 Sludge Hauling
      2.7.1 Name(s), address(es) and Illinois Transporters I.D. Numbers
      Beaver Oil Co.; 6037 Lenzi; Hodgkins, IL 60525; IL Transporter # 0014 (last used in approximately 2001, no sludge has been transported off-site since that date due to decreased system usage).
      2.7.2 For industrial generators, has Illinois Generator ID Number and Authorization Number been issued? YES [x] NO [ ] If no, contact the Division of Land Pollution Control.
      Illinois Generator ID Number 1110650003
      Authorization Number F5242-03
3. Methods of Sludge Disposal and/or Utilization
   3.1 Land Application
      3.1.1 Indicate the number of dry tons of sludge per year to be disposed by each of the following methods:
      Agricultural land [ ], Commercial Fertilizer Production [ ], Dedicated Land Disposal [ ], Disturbed Land Reclamation [ ], Silviculture [ ], Horticultural Lands [ ], Public Distribution [ ], Other [x].
      If other, specify Beaver Oil indicates that the sludge was treated and recycled;there was no disposal.
      3.1.2 Sludge Disposal Site Location. Provide a map (USGS Quadrangle map or plat map) showing location.
      Name of USGS Quadrangle Map (7.5 or 15 minute) or plat map N/A
      3.1.3 Provide soil survey map and soil description for disposal site. Identify name of soil survey and map sheet number for each soil survey map provided.

3.1.4 Is sludge to be stored at disposal site? YES ☐ NO ☐ . If yes, describe and state the storage volume N/A cubic feet.

3.1.5 Provide a copy of sludge user information sheet and completed, signed copies for any known users.

3.1.6 In a narrative description provide operating practices and design features to prevent ground and/or surface water pollution, potable water supply wellhead protection and other buffer distances, calculations supporting storage capacity, total acres available, soil characteristics, operational contingencies, etc.

N/A

3.1.7 Submit calculations of sludge application rate for agronomic rate, organic loading and metal loading rate.

3.2 Landfilling ☐ on-site ☐ off-site

3.2.1 Sanitary Landfill ☐ Special Waste Landfill ☐ Hazardous Waste Landfill ☐ Other ☐

If other, specify N/A

3.2.2 Name and Location of Landfill(s)

N/A

3.2.3 IEPA Permit Number(s) N/A ; ;

3.3 Incineration

3.3.1 Name and Location N/A

3.3.2 IEPA Permit Number(s) N/A ; ;

3.3.3 Ultimate Disposal of Incinerator residue

N/A

4. Sludge Characteristics

Submit complete analyses of sludge characteristics in mg/kg dry wt. basis unless otherwise indicated. The analyses shall be performed unless the sludge is disposed of by incineration or at an off-site landfill. Analyses performed shall include but not be limited to parameters below:

Parameter	Parameter
% TS	Sulfur
% VS	Aluminum (total)
COD mg/l	Arsenic (total)
pH	Barium (total)
BOD_5 mg/l	Cadmium (total)
Acidity meq of CaCO3 at pH	Cobalt (total)
Alkalinity meq of CaCO3 at pH	Chromium, hex (total)
Oil and Grease mg/l	Chromium (total)
Phenols mg/l	Copper (total)
Cyanide	Iron (total)
Sulfate (total) mg/l	Mercury (total)
Sulfide (total) mg/l	Manganese (total)
Sodium	Molybdenum (total)
EC mmhos/cm	Nickel (total)
TOC	Lead (total)

U690-06

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DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION

Springfield, Illinois 62706

SCHEDULE J INDUSTRIAL TREATMENT WORKS CONSTRUCTION OR PRETREATMENT WORKS

1. NAME AND LOCATION:
   - 1.1 Name of project The Arnold Engineering Co.
   - 1.2 Plant Location
     - 1.2.1 NW (Quarter Section) 35 (Section) 44N (Township) 5E (Range) 3rd P.M.
     - 1.2.2 Latitude 42 deg. 15 min. 14 sec. °NORTH
     - 1.2.3 Longitude 88 deg. 37 min. 14 sec. °WEST
     - 1.2.3 Name of USGS Quadrangle Map (7.5 or 15 minute) Harvard IL -WI 15 Minute
2. NARRATIVE DESCRIPTION AND SCHEMATIC WASTE FLOW DIAGRAM: (see instructions)

   Original application submitted in 1975. Updates were submitted in 1984, 1989, and 1993. With the exception of flow rates, operation of the system has remained essentially the same since 1993. Updated description attached.

   - 2.1 PRINCIPAL PRODUCTS:

     Industrial and commercial magnets and magnetic materials.

   - 2.2 PRINCIPAL RAW MATERIALS:

     Aluminum, nickel, cobalt, iron, steel, acids, oils

3. DESCRIPTION OF TREATMENT FACILITIES:
   - 3.1 Submit a flow diagram through all treatment units showing size, volumes, detention times, organic loadings, surface settling rate, weir overflow rate, and other pertinent design data. Include hydraulic profiles and description of monitoring systems.
   - 3.2 Waste Treatment Works is: Batch ☐ , Continuous ☑ , No. of Batches/day _____ , No. of Shifts/day _____
   - 3.3 Submit plans and specifications for proposed construction.
   - 3.4 Discharge is: Existing ☑ ; Will begin on _____
4. DIRECT DISCHARGE IS TO: Receiving Stream ☐ Municipal Sanitary Sewer ☐ Municipal storm or municipal combined sewer ☐

   If receiving stream or storm sewer are indicated complete the following:

   Name of receiving stream N/A ; tributary to N/A ;

   tributary to N/A ; tributary to N/A ;
5. Is the treatment works subject to flooding? Yes ☐ No ☐ If so, what is the maximum flood elevation of record (in reference to the treatment works datum) and what provisions have been made to eliminate the flooding hazard?

   Area is not subject to flooding.

6. APPROXIMATE TIME SCHEDULE: Estimated construction schedule:

   Start of Construction _____ ; Date of Completion _____

   Operation Schedule _____ ; Date Operation Begins _____

   100% design load to be reached by year _____
7. DESIGN LOADINGS
   - 7.1 Design population equivalent (one population equivalent is 100 gallons of wastewater per day, containing 0.17 pounds of BOD_5 and 0.20 pounds of suspended solids:

     BOD N/A ; Suspended Solids N/A ; Flow N/A
   - 7.2 Design Average Flow Rate N/A MGD.

7.3 Design Maximum Flow Rate N/A MGD.

7.4 Design Minimum Flow Rate N/A MGD.

7.5 Minimum 7-day, 10-year low flow N/A cfs N/A MGD.

Minimum 7-day, 10-year flow obtained from N/A

7.6 Dilution Ratio N/A : .

8. FLOW TO TREATMENT WORKS (if existing):

8.1 Flow (last 12 months)

8.1.1 Average Flow 1.3 MGD

8.1.2 Maximum Flow 1.5 MGD

8.2 Equipment used in determining above flows

9. Has a preliminary engineering report for this project been submitted to this Agency for Approval?

Yes ☒ No ☐ . If so, when was it submitted and approved. Date Submitted 9/30/1964

Certification # 19640-FA-546

Dated October 9, 1964

10. List Permits previously issued for the facility:

1994-EO-1340-2, 1999-EO-4027, 2004-EO-0971

11. Describe provisions for operation during contingencies such as power failures, flooding, peak loads, equipment failure, maintenance shut downs and other emergencies.

Backup pumps are present to provide assistance in case of main pump failure.

12. Complete and submit Schedule G if sludge disposal will be required by this facility.

13. WASTE CHARACTERISTICS: Schedule N must be submitted.

14. TREATMENT WORKS OPERATOR CERTIFICATION: List names and certification numbers of certified operators:

Heinz Boecker - Class 7 Operator

IL0070-4X

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that section. Failure to do so may prevent this form from being processed and could result in your application being denied.

For IEPA Use:
LOG#: MAP 06
DATE RECEIVED: Illinois Environmental Protection Agency
WPC-Permit Log In

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
PERMIT SECTION
Springfield, Illinois 62794-9276

SCHEDULE N WASTE CHARACTERISTICS

1. Name of Project The Arnold Engineering Co.

2. FLOW DATA

	EXISTING	PROPOSED-DESIGN
2.1 Average Flow (gpd)	2,200,000	N/A
2.2 Maximum Daily Flow (gpd)	2,500,000	N/A

2.3 TEMPERATURE

Time of Year	Avg. Intake Temp. F	Avg. Effluent Temp. F	Max. Intake Temp F.	Max. Effluent Temp F.	Max. Temp. Outside Mixing Zone F
SUMMER	N/A	N/A	N/A	N/A	N/A
WINTER	N/A	N/A	N/A	N/A	N/A

2.4 Minimum 7-day, 10-year flow: N/A cfs N/A MGD.

2.5 Dilution Ratio: N/A : N/A

2.6 Stream flow rate at time of sampling N/A cfs N/A MGD.

3. CHEMICAL CONSTITUENT Existing Permitted Conditions ☐ ; Existing conditions ☒ ; Proposed Permitted Conditions ☐

Type of sample: ☒ grab (time of collection 1230PM); ☐ composite (Number of samples per day _____)

(see instructions for analyses required)

CONSTITUENT	RAW WASTE (mg/l)	TREATED EFFLUENT Avg. (mg/l) Max.	UPSTREAM (mg/l)	DOWNSTREAM SAMPLES (mg/l)
Ammonia Nitrogen (as N)	NTF	NTF		
Arsenic (total)	ND	ND		
Barium	0.266	0.141		
Boron	NTF	NTF		
BOD_5	ND	ND		
Cadmium	ND	ND		
Carbon Chloroform Extract	NTF	NTF		
Chloride	102	108		
Chromium (total hexavalent)	0.0300	0.0132		
Chromium (total trivalent)	ND	ND		

CONSTITUENT	RAW WASTE (mg/l)	TREATED EFFLUENT Avg. (mg/l) Max.	UPSTREAM (mg/l)	DOWNSTREAM SAMPLES (mg/l)
Copper	0.0499	0.0488		
Cyanide (total)	NTF	NTF		
Cyanide (readily released @ 150° F & pH 4.5)	NTF	NTF		
Dissolved Oxygen	11.7	12.1		
Fecal Coliform	ND	ND		
Fluoride	NTF	NTF		
Hardness (as Ca CO_3)	NTF	NTF		
Iron (total)	6.26	3.76		
Lead	ND	ND		
Manganese	0.0648	0.0676		
MBAS	NTF	NTF		
Mercury	0.0005	0.0006		
Nickel	0.131	0.135		
Nitrates (as N)	NTF	NTF		
Oil & Grease (hexane solubles or equivalent)	NTF	NTF		
Organic Nitrogen (as N)	NTF	NTF		
pH	5.93	5.46		
Phenols	ND	ND		
Phosphorous (as P)	176	186		
Radioactivity	NTF	NTF		
Selenium	NTF	NTF		
Silver	ND	0.0034		
Sulfate	NTF	NTF		
Suspended Solids	25.0	8.5		
Total Dissolved Solids	822	890		
Zinc	0.0575	0.0584		
Others	NTF	NTF		

Appendix L

Compliance Commitment Agreement and IEPA Approval

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 – (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 – (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

847/294-4000
847/294-4083 Fax

FEB 2 8 2008

Arnold Magnetic Technologies
300 N. West Street
Marengo, IL 60152

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7004 1350 0003 1611 1531

Attention: Al Kalaczinski

Re: **Violation Notice, L-2008-01057**
LPC #1110650003 – McHenry County
Marengo/Arnold Magnetic Technologies
Compliance File

Dear Mr. Kalaczinski:

This constitutes a Violation Notice pursuant to Section 31(a)(1) of the [Illinois] Environmental Protection Act, 415 ILCS 5/31(a)(1), and is based on a record review completed on February 26, 2008 by representatives of the Illinois Environmental Protection Agency (Illinois EPA).

The Illinois EPA hereby provides notice of violations of environmental statutes, regulations, or permits as set forth in Attachment A to this letter. Attachment A includes an explanation of the activities that the Illinois EPA believes may resolve the specified violations, including an estimate of a reasonable time period to complete the necessary activities. However, due to the nature and seriousness of the violations cited, please be advised that resolution of the violations may require the involvement of a prosecutorial authority for purposes that may include, among others, the imposition of statutory penalties.

A written response which may include a request for a meeting with representatives of the Illinois EPA, must be submitted via certified mail to the Illinois EPA within 45 days of receipt of this letter. The response must address each violation specified in Attachment A and include for each an explanation of the activities that will be implemented and the time schedule for the completion of that activity. The written response will constitute a proposed Compliance Commitment Agreement (CCA) pursuant to Section 31 of the Act. The Illinois EPA will review the proposed CCA and will accept or reject it within 30 days of receipt.

ROCKFORD – 4302 North Main Street, Rockford, IL 61103 – (815) 987-7760 • DES PLAINES – 9511 W. Harrison St., Des Plaines, IL 60016 – (847) 294-4000
ELGIN – 595 South State, Elgin, IL 60123 – (847) 608-3131 • PEORIA – 5415 N. University St., Peoria, IL 61614 – (309) 693-5463
BUREAU OF LAND – PEORIA – 7620 N. University St., Peoria, IL 61614 – (309) 693-5462 • CHAMPAIGN – 2125 South First Street, Champaign, IL 61820 – (217) 278-5800
SPRINGFIELD – 4500 S. Sixth Street Rd., Springfield, IL 62706 – (217) 786-6892 • COLLINSVILLE – 2009 Mall Street, Collinsville, IL 62234 – (618) 346-5120
MARION – 2309 W. Main St., Suite 116, Marion, IL 62959 – (618) 993-7200

If a timely written response to this Violation Notice is not provided, it shall be considered to be a waiver of the opportunity to respond and to meet provided by Section 31(a) of the Act, and the Illinois EPA may proceed with a referral to the prosecutorial authority.

Written communications should be directed to:

Illinois EPA – Bureau of Land
Attn: Charles Grigalauski
9511 West Harrison Street, 3rd Floor
Des Plaines, Illinois 60016

All communications must include reference to this **Violation Notice Number, L-2008-01057.**

The text of the Act referenced herein is available at www.ipcb.state.il.us. If you have questions regarding this matter, please contact Thomas Rivera at 847/294-4079.

Sincerely,

Charles T. Grigalauski, Regional Manager
Field Operations Section
Bureau of Land

Enclosure

cc: Bureau of Land File
Des Plaines Region File

ATTACHMENT A

1. Pursuant to Section 12(a) of the {Illinois} Environmental Protection Act (415 ILCS 5/12(a)), no person shall cause, threaten or allow the discharge of any contaminants into the environment in any State so as to cause or tend to cause water pollution in Illinois, either alone or in combination with matter from other sources, or so as to violate regulations or standards adopted by the Pollution Control under this Act.

   A violation of Section 12(a) of the {Illinois} Environmental Protection Act (415 ILCS 5/12(a)) is alleged for the following reason: **The discharge of contaminants was caused and allowed in a way that caused water pollution. Chlorinated solvent contamination above the Class 1 groundwater objectives is present in on site groundwater. The groundwater contamination has been present for approximately 20 years. Shallow groundwater flow under the site is to the north-northwest, towards the nearby Kishwaukee River. Residential/nonresidential private water wells are located to the north-northwest, directly down gradient of the site. The private wells are within ½ mile of the site and its unknown at this time if the private wells have been impacted by the chlorinated solvent groundwater contamination.**

   1,1,1-Trichloroethane (1,1,1-TCA) was detected as high as 4,900 ppb, in 1999, in on site groundwater monitoring well MW-3. More recently in 2007, 1,1,1-TCA was detected as high as 501 ppb in on site groundwater monitoring well MW-A7. Tetrachloroethene (PCE) was detected as high as 18.8 ppb, in 2007, in onsite groundwater monitoring well MW-3. PCE contamination in MW-3 has steadily increased over the past approximately 6 years. Other on site groundwater monitoring wells have chlorinated solvent detections as well, but MW-3 and MW-A7 have shown the highest concentrations of 1,1,1-TCA and PCE.

2. Pursuant to Section 12(d) of the {Illinois} Environmental Protection Act (415 ILCS 5/12(d)), no person shall deposit any contaminants upon the land in such place and manner so as to create a water pollution hazard.

   A violation of Section 12(d) of the {Illinois} Environmental Protection Act (415 ILCS 5/12(d)) is alleged for the following reason: **Contaminants were deposited upon the land in such a place and manner that created a water pollution hazard. Chlorinated solvent contamination above the Class 1 groundwater objectives is present in on site groundwater. The groundwater contamination has been present for approximately 20 years. Shallow groundwater flow under the site is to the north-northwest, towards the nearby Kishwaukee River. Residential/nonresidential private water wells are located to the north-northwest, directly down gradient of the site. The private wells are within ½ mile of the site and its unknown at this time if the private wells have been impacted by the chlorinated solvent groundwater contamination.**

   1,1,1-TCA was detected as high as 4,900 ppb, in 1999, in on site groundwater monitoring well MW-3. More recently in 2007, 1,1,1-TCA was detected as high as 501 ppb in on site groundwater monitoring well MW-A7. PCE was detected as high as 18.8 ppb, in 2007, in on site groundwater monitoring well MW-3. PCE contamination in MW-3 has steadily increased over the past approximately 6 years. Other on site groundwater monitoring wells have chlorinated solvent detections as well, but MW-3 and MW-A7 have shown the highest concentrations of 1,1,1-TCA and PCE.

SUGGESTED RESOLUTIONS

1. Immediately determine the source(s) of 1,1,1-TCA, PCE and other related contaminants that are present in groundwater under the subject site by conducting an Investigation.

2. Immediately determine the extent of 1,1,1-TCA, PCE and other related contaminants in soil and groundwater, both on site and off site, by conducting an Investigation.

3. Collect representative groundwater samples from all down gradient residential/nonresidential private water wells (approximately 16) located within approximately ½ mile of the site, see the attached map. The private water well samples shall be collected from an unfiltered and unsoftened spigot, after an appropriate water system purge is conducted. The samples shall be analyzed for Volatile Organic Compounds at an Illinois EPA approved laboratory. Illinois EPA would like to oversee the sampling event.

4. Remediate, if necessary, to meet all applicable remediation objectives for soil and groundwater.

* Immediately manage the groundwater to mitigate impairment caused by the release of volatile organic compounds.

* All copies of receipts/manifests, and analytical reports must be submitted to the Illinois EPA that document the proper disposal of any waste (i.e. impacted soil, contaminated groundwater). The receipts/manifests must be submitted within 10 days after the off-site shipment.

* Within 45 days from the receipt of this letter, enroll in the Site Remediation Program.

* A Site Investigation Work Plan shall be submitted within 30 days of the Illinois EPA approval of the Site Remediation application.

* The Site Investigation shall be implemented within 30 days of the Illinois EPA approval of the Site Investigation Work Plan.

* The Site Investigation Report shall be submitted within 180 days of approval of the Site Investigation Work Plan.

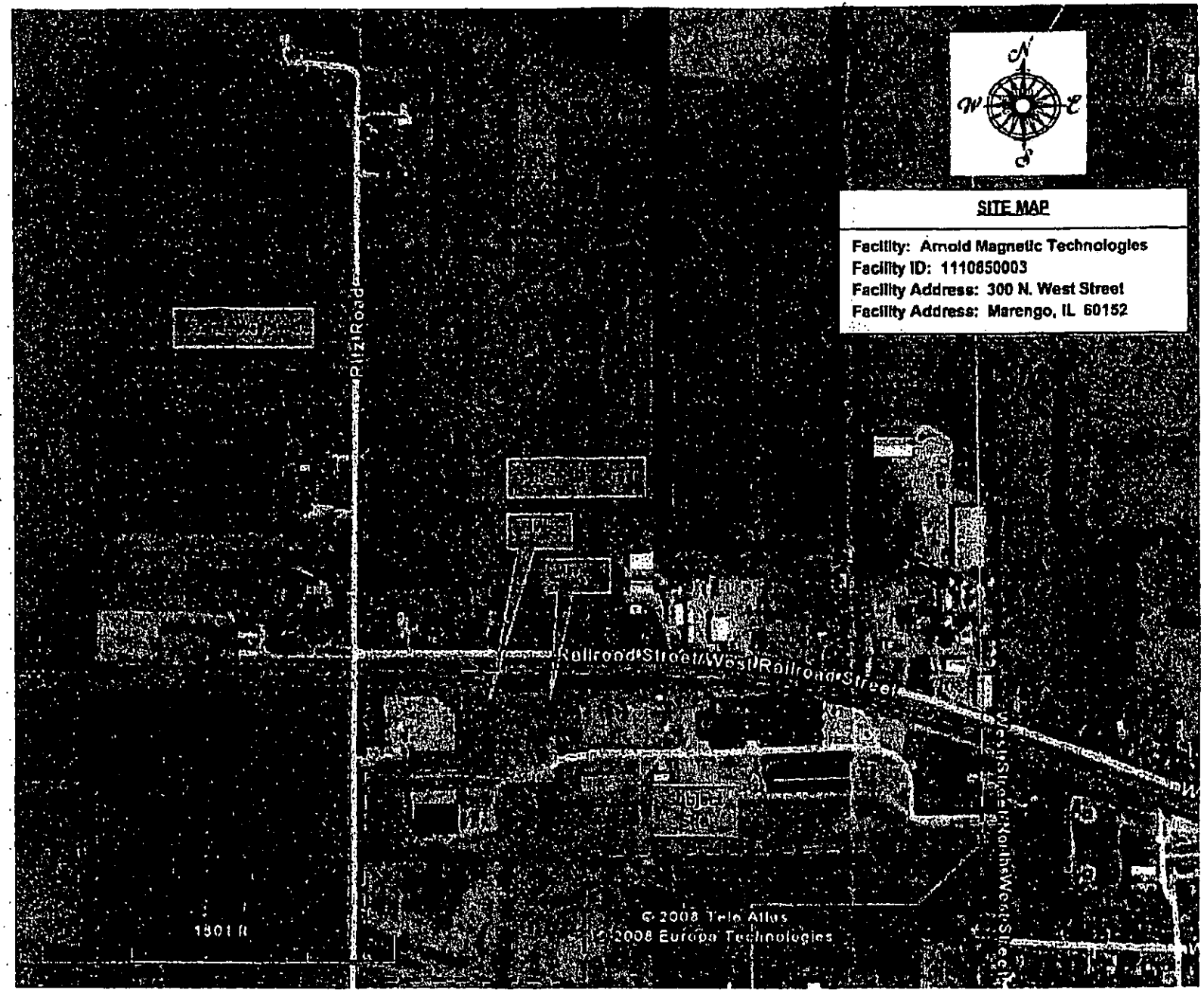
* The Remediation Objectives Report shall be submitted within 30 days of approval of the Site Investigation Report.

* The Remedial Action Plan shall be submitted within 30 days of Illinois EPA approval of the Remedial Objectives Report.

* The remedial action shall be implemented within 30 days of Illinois EPA approval of the Remediation Action Plan.

* **The Remedial Action Completion Report shall be submitted within 365 days of Illinois EPA approval of the Remedial Action Plan.**

The written response to this Violation Notice must include information in rebuttal, explanation, or justification of each alleged violation and must be submitted to the Illinois EPA by certified mail, within 45 days of receipt of this Violation Notice. The written response must also include a proposed Compliance Commitment Agreement that commits to specific remedial actions, includes specified times for achieving each commitment, and may include a statement that compliance has been achieved.


N
W
E
S
SITE MAP
Facility: Arnold Magnetic Technologies
Facility ID: 1110850003
Facility Address: 300 N. West Street
Facility Address: Marengo, IL 60152
Ritz Road
Railroad Street
West Railroad Street
West Street
North West Street
1901 ft
© 2008 Tele Atlas
© 2008 Europa Technologies

300 WEST LLC
2340 RIVER ROAD, SUITE 310
DES PLAINES, ILLINOIS 60018
FAX (847) 257-8888

June 17, 2008

VIA FEDERAL EXPRESS
IEPA – Bureau of Land
9511 West Harrison Street, 3rd Floor
Des Plaines, Illinois 60016
Attention: Thomas Rivera

Re: Violation Notice Number, L-2008-01123

Dear Mr. Rivera:

This letter shall serve as a written response to Violation Notice Number L-2008-01057 on behalf of 300 West LLC, owner of the property at 300 N. West Street, Marengo.

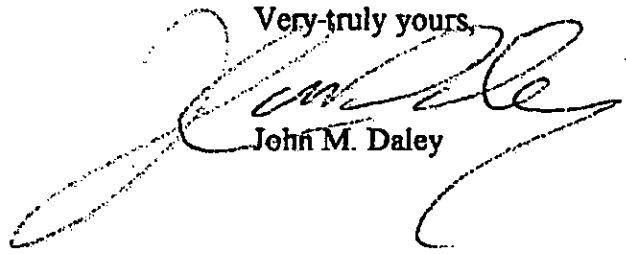
1. The source of 1,1,1-TCA and PCE detected in the groundwater monitoring wells along the northwestern portion of the subject property was reportedly related to historical operations conducted in that area. A historical subject building ("Building #6") was located at the northwestern corner of the subject property and was reportedly demolished approximately 10-20 years ago. Historical industrial operations conducted within Building #6 reportedly utilized chlorinated solvents in production processes. The historical utilization of chlorinated solvents in this area is believed to be the source of elevated levels of 1,1,1-TCA and PCE in the groundwater.

2. 300 West LLC has engaged Environmental Group Services Limited ("EGSL"), and EGSL currently is working with Mr. Thomas Rivera of the IEPA regarding off-site groundwater sampling. Addresses were obtained from all of the northern, western, and northwestern properties that are possibly utilizing groundwater wells for potable purposes. Mr. Rivera sent letters to all of the neighboring addresses requesting access to the properties in order to sample the groundwater wells for each of the sites. At this time, Mr. Rivera and EGSL are awaiting for responses from the neighboring properties. Upon receipt of any and all responses, neighboring wells will be sampled, and all groundwater samples will be submitted to an accredited laboratory of analysis of VOCs. It is anticipated that the on-site sampling will be complete in approximately one month.

3. The subject property has been enrolled into the IEPA's Site Remediation Program (SRP). Tim Zook has been assigned as the project manager for the site. Upon submittal of the Remedial Action Completion Report (RACR), a Comprehensive NFR for residential properties will be requested for the entire subject property. The RACR is anticipated to be complete by December 2008.

Do not hesitate to call me (312.420.6046) with any questions.

Very truly yours,



John M. Daley

Enclosures

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 – (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 – (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

217/782-6762
TDD 217/782-9143

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7007 2560 0003 2097 0406

July 16, 2008

300 WEST LLC
Attn: John M. Daley
2340 River Road, Suite 310
Des Plaines, Illinois 60018

Re: **Compliance Proposal dated June 17, 2008**
Violation Notice L-2008-01123 and L-2008-01057
BOL # 1110650003 – McHenry County
Marengo/Arnold Magnetic Technologies
Compliance File

Dear Mr. Daley:

On June 17, 2008 the Illinois Environmental Protection Agency ("Illinois EPA") received your transmittal concerning Arnold Magnetic Technologies in response to the Febraury 28, 2008 and April 15, 2008 Violation Notice. This transmittal proposed certain steps and initiatives, whose purpose was to bring Arnold Magnetic Technologies into compliance with State law and regulations remedying the violations alleged in the Violation Notice, **L-2008-01123 and L-2008-01057**. Unfortunately, the Illinois EPA cannot consider this transmittal as a Compliance Commitment Agreement ("CCA") under the Illinois Environmental Protection Act, Section 31(a)(2) [415 ILCS 5/31(a)(2) (1996)], because the transmittal was received after the 45-day deadline.

Nonetheless, the Illinois EPA evaluated your proposal and we are pleased to inform you that the timely implementation of the proposal will allow the resolution of this matter short of formal enforcement at this time. However, this matter remains open to formal enforcement if necessary. The failure to achieve compliance as proposed will result in the reconsideration of this matter including referral to the Office of the Attorney General, the State's Attorney of McHenry County, or the United States Environmental Protection Agency for formal enforcement and the imposition of penalties.

Further, if any of the alleged violations remain the subject of disagreement between the Illinois EPA and Arnold Magnetic Technologies, this matter may be considered for referral to the Office of the Attorney General, the State's Attorney of McHenry County, or the United States Environmental Protection Agency for formal enforcement action and the imposition of penalties.

Written communications should be directed to:

Illinois EPA – Bureau of Land
Attn: Charles Grigalauski
9511 West Harrison, 3rd Floor
Des Plaines, Illinois 60016

All communications must include reference to your **Violation Notice L-2008-01123 and L-2008-01057**. If you have questions regarding this matter, please contact **Thomas Rivera** at **847/294-4079**.

Sincerely,

Paul M. Purseglove, Manager
Field Operations Section
Bureau of Land

bcc: Bureau File
DesPlaines Region

Appendix M

June 19, 2008 Private Water Well Sampling Data

Illinois EPA FOIA Exemption Reference Sheet

SID: 12171

Agency ID: 170000116265 Media File Type LAND
Bureau ID: 1110650003
Site Name: Arnold Magnetic Technologies
Site Address1: 300 N West St
Site Address2:
Site City: Marengo State: IL Zip: 60152-

This record has been determined to be partially or wholly exempt from public disclosure

Exemption Type:

Redaction

Exempt Doc #: 15 **Document Date:** 11/18/2013 **Staff:** EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 5

Category ID: 31A **Category Description:** SITE REMEDIATION - TECHNICAL **Exempt Type:** Redaction
Permit ID: **Date of Determination:** 11/27/2013

For Agency Use Only
Thomas Rivera
Illinois EPA - BOL

WELL ID#: _____

Sample Date _____ Sampler Initials _____

To Be Completed by Resident

CONFIDENTIAL mef

PRIVATE WELL SAMPLING ACCESS

[redacted]

(Please make corrections here if label is incorrect)

NAME: _____ Job#- [redacted]

ADDRESS: _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in.

PUBLIC WATER? _____ PRIVATE WELL? Yes

RESIDENTS: [redacted] Adults (over age 18); ___ Children (Ages: _____)
Expectant Mother? _____

TELEPHONE: (Home: [redacted] (Work: [redacted]
Best time to call after [redacted] my cell phone

Well Location, relative to house? South side of house DEPTH of WELL? 180

Do you make use of the well water for:

DRINKING?	✓ Yes	___ No
COOKING?	✓ Yes	___ No
BATHING?	✓ Yes	___ No
Do you use BOTTLED WATER?	___ Yes	✓ No
Do you use a WHOLE-HOUSE filter?	___ Yes	✓ No; Type - Fabric (for particles) ___ Activated charcoal ___

Other (kitchen only, etc.)- _____

Do you use a WATER SOFTENER? X Yes ___ No

Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? X Yes ___ No

Where is it? back of our house

(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): [redacted] is [redacted] up.

Permission To Sample Well? X Yes ___ No

Date 5/27/08 Signature [redacted]

For Agency Use Only
Thomas Rivera
Illinois EPA - BOL

WELL ID#: _____
Sample Date _____ Sampler Initials _____

To Be Completed by Resident

~~CONFIDENTIAL~~ MED

PRIVATE WELL SAMPLING ACCESS

[redacted]

(Please make corrections here if label is incorrect)

NAME: _____ -label- [redacted]

ADDRESS: [redacted]

PUBLIC WATER? _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in

PRIVATE WELL? ✓

RESIDENTS: 2 Adults (over age 18); 0 Children (Ages: _____)
Expectant Mother? 0

TELEPHONE: (Home: [redacted] CELL
(Work: [redacted]
Best time to call [redacted] 7a to 7p

Well Location, relative to house? EAST of Porch behind guard rail 54' DEPTH of WELL? 70'

Do you make use of the well water for:
DRINKING? ✓ Yes ___ No
COOKING? ✓ Yes ___ No
BATHING? ✓ Yes ___ No

Do you use BOTTLED WATER? ✓ Yes ___ No

Do you use a WHOLE-HOUSE filter? ___ Yes ✓ No; Type - Fabric (for particles) ___
Activated charcoal ___
Other (kitchen only, etc.)- _____

Do you use a WATER SOFTENER? ✓ Yes ___ No

Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? ✓ Yes ___ No

Where is it? 4' North of well pump

(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): additional spigot near greenhouse 100 ft North of well.

Permission To Sample Well? ✓ Yes ___ No

Date May 13, 2008 Signature [redacted]

For Agency Use Only
Thomas Rivera
Illinois EPA - BOL

WELL ID#: _____
Sample Date _____ Sampler Initials _____

To Be Completed by Resident

~~CONFIDENTIAL~~ mel

PRIVATE WELL SAMPLING ACCESS

[redacted]

(Please make corrections here if label is incorrect)

NAME: _____ -label- [redacted]

ADDRESS: _____ [redacted]

PUBLIC WATER? _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in.

PRIVATE WELL? ✓

RESIDENTS: 2 Adults (over age 18); ___ Children (Ages: _____)
Expectant Mother? _____

TELEPHONE: (Home [redacted]); (Work [redacted] ext. [redacted])
Best time to call after [redacted]

Well Location, relative to house? South Side of house DEPTH of WELL? 118 ft.

Do you make use of the well water for:
DRINKING? ✓ Yes ___ No
COOKING? ✓ Yes ___ No
BATHING? ✓ Yes ___ No

Do you use BOTTLED WATER? ___ Yes ✓ No

Do you use a WHOLE-HOUSE filter? ___ Yes ✓ No; Type - Fabric (for particles) ___
Activated charcoal ___
Other (kitchen only, etc.)- _____

Do you use a WATER SOFTENER? ✓ Yes ___ No

Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? ✓ Yes ___ No

Where is it? back of house, left of stairs (larger spigot)

(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): _____

Permission To Sample Well? ✓ Yes ___ No

Date 5-23-08 Signature [redacted]

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 500-12141-1

Job Description: Marengo -- Drinking Water VOCs

For:
Environmental Group Services Ltd
557 West Polk Street
Suite 201
Chicago, IL 60607

Attention: Bill Lennon

Margaret Kniest

Margaret Kniest
Project Manager II
margaret.kniest@testamericainc.com
06/30/2008

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Chicago 2417 Bond Street, University Park, IL 60466
Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
500-J12141-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Purgeable Organic Compounds in Water by GC/MS	TAL SAV	EPA-DW 524.2	

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

METHOD / ANALYST SUMMARY

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Method	Analyst	Analyst ID
EPA-DW 524.2	Jakubsen, Melanie	MJ

SAMPLE SUMMARY

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-12141-1	1	Water	06/19/2008 0900	06/20/2008 1407
500-12141-2	1-D	Water	06/19/2008 0930	06/20/2008 1407
500-12141-3	2	Water	06/19/2008 0935	06/20/2008 1407
500-12141-4	3	Water	06/19/2008 1005	06/20/2008 1407
500-12141-5	TB	Water	06/19/2008 1015	06/20/2008 1407

SAMPLE RESULTS

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: 1

Lab Sample ID: 500-12141-1
Client Matrix: Water

Date Sampled: 06/19/2008 0900
Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/30/2008 0320
Date Prepared: N/A

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U
Lab File ID: u062958.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	86	70 - 130
4-Bromofluorobenzene	86	70 - 130

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: 1-D

Lab Sample ID: 500-12141-2
Client Matrix: Water

Date Sampled: 06/19/2008 0930
Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/30/2008 0340
Date Prepared: N/A

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U
Lab File ID: u062959.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	84	70 - 130
4-Bromofluorobenzene	87	70 - 130

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: 2

Lab Sample ID: 500-12141-3
Client Matrix: Water

Date Sampled: 06/19/2008 0935
Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/30/2008 0404
Date Prepared: N/A

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U
Lab File ID: u062960.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	86	70 - 130
4-Bromofluorobenzene	88	70 - 130

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: 3

Lab Sample ID: 500-12141-4
Client Matrix: Water

Date Sampled: 06/19/2008 1005
Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/30/2008 0423
Date Prepared: N/A

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U
Lab File ID: u062961.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	85	70 - 130
4-Bromofluorobenzene	86	70 - 130

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: TB

Lab Sample ID: 500-12141-5
Client Matrix: Water

Date Sampled: 06/19/2008 1015
Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 06/30/2008 0043
Date Prepared: N/A

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U
Lab File ID: u062950.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	83	70 - 130
4-Bromofluorobenzene	87	70 - 130

QUALITY CONTROL RESULTS

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-110309					
LCS 680-110309/9	Lab Control Spike	T	Water	524.2	
MB 680-110309/10	Method Blank	T	Water	524.2	
500-12141-1	1	T	Water	524.2	
500-12141-2	1-D	T	Water	524.2	
500-12141-3	2	T	Water	524.2	
500-12141-4	3	T	Water	524.2	
500-12141-5	TB	T	Water	524.2	

Report Basis
T = Total

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Surrogate Recovery Report

524.2 Purgeable Organic Compounds in Water by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCB %Rec	BFB %Rec
500-12141-1	1	86	86
500-12141-2	1-D	84	87
500-12141-3	2	86	88
500-12141-4	3	85	86
500-12141-5	TB	83	87
MB 680-110309/10		85	87
LCS 680-110309/9		98	97

Surrogate	Acceptance Limits
12DCB = 1,2-Dichlorobenzene-d4	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Method Blank - Batch: 680-110309

Method: 524.2
Preparation: N/A

Lab Sample ID: MB 680-110309/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2008 0023
Date Prepared: N/A

Analysis Batch: 680-110309
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq062912.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	85	70 - 130
4-Bromofluorobenzene	87	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Lab Control Spike - Batch: 680-110309

Method: 524.2
Preparation: N/A

Lab Sample ID: LCS 680-110309/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2008 2324
Date Prepared: N/A

Analysis Batch: 680-110309
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq062911.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	21.1	106	70 - 130	
cis-1,2-Dichloroethene	20.0	18.6	93	70 - 130	
Methylene Chloride	20.0	18.3	92	70 - 130	
1,2-Dichlorobenzene	20.0	20.4	102	70 - 130	
1,4-Dichlorobenzene	20.0	20.4	102	70 - 130	
Vinyl chloride	20.0	18.2	91	70 - 130	
1,1-Dichloroethene	20.0	19.2	96	70 - 130	
trans-1,2-Dichloroethene	20.0	18.2	91	70 - 130	
1,2-Dichloroethane	20.0	19.1	95	70 - 130	
1,1,1-Trichloroethane	20.0	19.3	96	70 - 130	
Carbon tetrachloride	20.0	20.4	102	70 - 130	
1,2-Dichloropropane	20.0	19.2	96	70 - 130	
Trichloroethene	20.0	18.1	90	70 - 130	
1,1,2-Trichloroethane	20.0	19.1	95	70 - 130	
Tetrachloroethene	20.0	20.0	100	70 - 130	
Chlorobenzene	20.0	20.4	102	70 - 130	
Benzene	20.0	18.7	94	70 - 130	
Toluene	20.0	19.1	96	70 - 130	
Ethylbenzene	20.0	19.0	95	70 - 130	
Styrene	20.0	20.4	102	70 - 130	
Methyl tert-butyl ether	16.0	14.8	93	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	98	70 - 130
4-Bromofluorobenzene	97	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chicago
2417 Bond Street

University Park, IL 60466
phone 708.534.5200 fax 708.534.5363

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

500-12141

TestAmerica Laboratories, Inc.

R 001326

Client Contact	Project Manager: BILL	Site Contact:	Date:	COC No:
EGSL	Tel/Fax: 312. 447. 1200 x15	Lab Contact:	Carrier:	1 of 1 COCs
557 West Polk Street - Suite 201	Analysis Turnaround Time			Job No.
Chicago, Illinois 60613	Calendar (C) or Work Days (W)			
(312) 447-1200	TAT if different from Below			
(312) 447-0922 FAX	☒ 2 weeks			SDG No.
Project Name: Marengo	☐ 1 week			
Site: Marengo	☐ 2 days			
PO#	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Marengo H2O VOCs	Sample Specific Notes:
1	1	6/19	9:00	W	W	3	X	
2	1-D	↓	9:00	↓	↓	3	X	
3	2	↓	9:35	↓	↓	3	X	
4	3	↓	10:05	↓	↓	3	X	
5	TB	↓	10:15	↓	↓	1	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	EGSL	6/19 1000		TA	6/19 945
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TA	6/20		TestAmerican	06/20/08 1420
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Check List

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Login Number: 12141
Creator: Kelsey, Shawn M
List Number: 1

List Source: TestAmerica Chicago

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		

Login Sample Receipt Check List

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Login Number: 12141
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 06/24/08 05:01 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

Appendix N

2008 On-Site Groundwater Monitoring Well Results

ARNOLD®
MAGNETIC TECHNOLOGIES
The Arnold Engineering Company

November 14, 2008

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Subject: The Arnold Engineering Company
Marengo, Illinois
Permit No. 2006-EO-0690

To Whom It May Concern:

Enclosed is the semiannual report of groundwater monitoring activities at the The Arnold Engineering Company (Arnold) facility, located at 300 N. West Street in Marengo, Illinois. Also included is the record of wastewater flow entering Pond #5 at the facility. This report documents the period from May 1, 2008 through October 31, 2008.

Arnold continues to utilize Prairie Analytical Systems (Prairie), a NELAC-certified laboratory, of Springfield, Illinois, to perform its monthly groundwater sampling events. Prairie was contracted by Arnold in August 2005. If there are any questions, please contact me at (815) 568-2316.

Please note that Permit No. 2006-EO-0690 applies to The Arnold Engineering Co., 300 N. West St., Marengo, IL., 60152.

Sincerely,

Alan Kalaczinski

Alan Kalaczinski
Facilities Manager

Attachments

cc (w/att.): Illinois Environmental Protection Agency
Division of Water Pollution Control
9511 W. Harrison Street
Des Plaines, IL 60016

Pond #5 Flow Rates

TIME PERIOD	AVERAGE DAILY FLOW RATE (gal/hr)
May 2008	21,672
June 2007	21,400
July 2008	21,629
August 2008	21,323
September 2008	22,033
October 2008	21,317

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

THE ARNOLD ENGINEERING CO.
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1000	6.5-9	NO LIMIT - 2'NDARY WATER CLASS					
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
ta 1/10/01	<1.0	<1.0	<1.0	240	<0.050		<1.0	<1.0	<1.0	270	0.059		2100	1.3	4.7	810	<0.050		<1.0	2.2	<1.0	476	0.405	
2/2/2001	<1.0	<1.0	<1.0	368	<0.050		<1.0	<1.0	<1.0	366	<0.050		1600	<20	<20	672	<0.050		<1.0	1.2	<1.0	527	1.02	
3/7/2001	<1.0	<1.0	<1.0	340	<0.050		<1.0	<1.0	<1.0	412	<0.050		1700	<10	<10	542	<0.050		<1.0	<1.0	<1.0	504	1.2	
4/2/2001	<1.0	<1.0	<1.0	336	<0.050		<1.0	<1.0	<1.0	414	<0.050		1200	1.4	3.8	684	<0.050		<1.0	<1.0	<1.0	534	2.14	
5/2/2001	<1.0	<1.0	<1.0	338	<0.050		<1.0	<1.0	<1.0	454	<0.050		1200	1.2	3.7	658	<0.050		<1.0	<1.0	<1.0	532	1	
6/11/2001	<1.0	<1.0	<1.0	348	<0.050		<1.0	<1.0	<1.0	484	<0.050		1800	<10	<10	664	<0.050		<1.0	<1.0	<1.0	508	0.47	
7/10/2001	<1.0	<1.0	<1.0	324	<0.050		<1.0	<1.0	<1.0	464	0.063		2800	<10	<10	662	<0.050		<1.0	<1.0	<1.0	518	0.38	
8/16/2001	<1.0	<1.0	<1.0	352	<0.050		<1.0	<1.0	<1.0	378	0.059		3000	<10	<10	663	<0.050		<1.0	<1.0	<1.0	916	0.25	
9/7/2001	<1.0	<1.0	<1.0	376	<0.050		<1.0	<1.0	<1.0	448	<0.050		2200	1.3	4.6	703	<0.050		<1.0	<1.0	<1.0	462	0.333	
10/2/2001	<1.0	<1.0	<1.0	400	<0.050		<1.0	<1.0	<1.0	454	0.051		2200	<20	<20	656	<0.050		<1.0	<1.0	<1.0	542	0.645	
11/16/2001	<1.0	<1.0	<1.0	350	<0.050		<1.0	<1.0	<1.0	428	0.055		1900	1.1	4.8	646	<0.050		<1.0	<1.0	<1.0	638	0.352	
12/11/2001	<2.0	<2.0	<2.0	385	<0.010		<2.0	<2.0	<2.0	428	0.071		1750	<2.0	4.8	682	0.0250		<2.0	<2.0	<2.0	670	0.298	
1/11/2002	<2.0	<2.0	<2.0	380	0.013		<2.0	<2.0	<2.0	390	0.059		1250	<2.0	2.8	656	0.0500		<2.0	<2.0	<2.0	634	0.431	
2/11/2002	<1.0	<1.0	<1.0	396	0.021		<1.0	<1.0	<1.0	426	0.062		789	1.3	3.6	708	0.0280		<1.0	<1.0	<1.0	646	0.325	
3/7/2002	<2.0	<2.0	<2.0	375	0.018		<2.0	<2.0	<2.0	414	0.055		505	<2.0	2.8	635	0.0290		<2.0	<2.0	<2.0	691	0.466	
4/22/2002	<2.0	<2.0	<2.0	346	0.019		<2.0	<2.0	<2.0	457	0.099		271	<2.0	<2.0	605	0.0320		<2.0	<2.0	<2.0	698	0.431	
5/21/2002	<2.0	<2.0	<2.0	356	<0.010		<2.0	<2.0	<2.0	540	0.111		203	<2.0	<2.0	593	0.0130		<2.0	<2.0	<2.0	851	0.776	
6/7/2002	<2.0	<2.0	<2.0	340	<0.010		<2.0	<2.0	<2.0	281	0.026		170	<2.0	<2.0	560	0.0430		<2.0	<2.0	<2.0	630	0.6	
7/12/2002	<2.0	<2.0	<2.0	321	<0.010		<2.0	<2.0	<2.0	487	0.111		140	<2.0	<2.0	523	0.0350		<2.0	<2.0	<2.0	608	0.336	
8/2/2002	<1.0	<1.0	<1.0	335	0.072		<1.0	<1.0	<1.0	551	0.063		87	<1.0	<1.0	536	0.0220		<1.0	<1.0	<1.0	20600	0.386	
9/6/2002	<1.0	<1.0	<1.0	345	<0.010		<1.0	<1.0	<1.0	400	0.037		76	<1.0	<1.0	592	0.0190		<1.0	<1.0	<1.0	886	0.701	
10/11/2002	<1.0	<1.0	<1.0	354	0.029		<1.0	<1.0	<1.0	568	0.198		192	<1.0	<1.0	630	0.0400		<1.0	<1.0	<1.0	738	0.306	
11/12/2002	<1.0	<1.0	<1.0	347	0.011		<1.0	<1.0	<1.0	613	0.14		188	<1.0	<1.0	602	0.0130		<1.0	<1.0	<1.0	964	0.298	
12/16/2002	<1.0	<1.0	<1.0	357	<0.010		<1.0	<1.0	<1.0	696	0.169		617	<1.0	<1.0	637	0.0230		<1.0	<1.0	<1.0	703	0.273	
1/10/2003	<1.0	<1.0	<1.0	360	0.015		<1.0	<1.0	<1.0	744	0.101		636	1.1	1.1	676	0.0290		<1.0	<1.0	<1.0	520	0.22	
2/7/2003	<1.0	<1.0	<1.0	288	0.013		<1.0	<1.0	<1.0	704	0.047		310	1.2	<1.0	576	<0.010		<1.0	<1.0	<1.0	564	0.218	
3/21/2003	<1.0	<1.0	<1.0	370	0.023		<1.0	<1.0	<1.0	675	0.055		62	2.3	<1.0	48	0.1280		<1.0	<1.0	<1.0	611	0.247	

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

THE ARNOLD ENGINEERING CO.
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1000	6.5-9	NO LIMIT - 2'NDARY WATER CLASS					
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
4/11/2003	<1.0	<1.0	<1.0	384	0.019		<1.0	<1.0	<1.0	688	0.056		42	2.2	<1.0	650	0.1160		<1.0	<1.0	<1.0	792	0.227	
5/8/2003	<1.0	<1.0	<1.0	386	0.01		<1.0	<1.0	<1.0	699	0.102		83	<1.0	<1.0	564	0.0790		<1.0	<1.0	<1.0	682	0.262	
6/7/2003	<1.0	<1.0	<1.0	364	0.033		<1.0	<1.0	<1.0	518	0.081		87	2.7	<1.0	583	0.0760		<1.0	<1.0	<1.0	750	0.243	
7/15/2003	<1.0	<1.0	<1.0	379	0.028		<1.0	<1.0	<1.0	585	0.05		29	1.2	<1.0	514	0.0180		<1.0	<1.0	<1.0	778	0.701	
8/15/2003	<1.0	<1.0	<1.0	402	<0.010		<1.0	<1.0	<1.0	622	0.142		47	3	<1.0	857	0.0180		<1.0	<1.0	<1.0	499	0.45	
9/10/2003	<1.0	<1.0	<1.0	742	0.024		<1.0	<1.0	<1.0	751	0.059		48	3.4	<1.0	500	0.0320		<1.0	<1.0	<1.0	1090	0.409	
10/13/2003	<1.0	<1.0	<1.0	490	0.115		<1.0	<1.0	<1.0	780	0.139		33	3.7	<1.0	509	0.0270		<1.0	<1.0	<1.0	948	0.325	
11/10/2003	<1.0	<1.0	<1.0	410	0.026		<1.0	<1.0	<1.0	770	0.062		24	3.3	<1.0	486	0.0280		<1.0	<1.0	<1.0	831	0.271	
12/12/2003	<1.0	<1.0	<1.0	454	0.092		<1.0	<1.0	<1.0	862	0.048		18	5.7	<1.0	500	0.0400		<1.0	<1.0	<1.0	700	0.162	
1/15/2004	<1.0	<1.0	<1.0	480	0.052		<1.0	<1.0	<1.0	840	0.044		23	6.5	<1.0	480	0.0270		<1.0	<1.0	<1.0	800	0.149	
2/9/2004	<1.0	<1.0	<1.0	424	0.088		<1.0	<1.0	<1.0	740	0.059		23	5.1	<1.0	468	0.0250		<1.0	<1.0	<1.0	844	0.142	
3/5/2004	<1.0	<1.0	<1.0	1580	0.071		<1.0	<1.0	<1.0	261	0.028		20	6.7	<1.0	63	0.0180		<1.0	<1.0	<1.0	25	0.166	
4/2/2004	<1.0	<1.0	<1.0	405	0.018		<1.0	<1.0	<1.0	584	0.041		17	6.3	<1.0	472	0.0250		<1.0	<1.0	<1.0	908	0.268	
5/7/2004	<1.0	<1.0	<1.0	356	0.013		<1.0	<1.0	<1.0	670	0.064		24	6.7	<1.0	490	0.0630		<1.0	<1.0	<1.0	1070	0.388	
6/11/2004	<1.0	<1.0	<1.0	290	<0.010		<1.0	<1.0	<1.0	428	0.039		15	4.8	<1.0	544	0.0130		<1.0	<1.0	<1.0	748	0.219	
7/13/2004	2.5	<1.0	<1.0	611	0.07		<1.0	<1.0	<1.0	634	0.08		18	5.1	<1.0	522	0.1100		<1.0	<1.0	<1.0	656	0.201	
8/25/2004	<1.0	<1.0	<1.0	372	0.045		<1.0	<1.0	<1.0	734	0.155		21	6	<1.0	522	0.0850		<1.0	<1.0	<1.0	1030	0.424	
9/3/2004	<1.0	<1.0	<1.0	332	0.087		<1.0	<1.0	<1.0	704	0.184		18.7	6.5	<1.0	464	0.0800		<1.0	<1.0	<1.0	852	0.44	
10/18/2004	<1.0	<1.0	<1.0	280	<1.0	7.47	<1.0	<1.0	<1.0	736	0.083	6.80	18.9	6.9	<1.0	524	0.0260	7.11	<1.0	<1.0	<1.0	924	0.262	6.68
11/26/2004	<1.0	<1.0	<1.0	340	0.0074	7.40	<1.0	<1.0	<1.0	780	0.065	6.70	17	9.2	<1.0	470	0.0200	7.10	—	—	—	—	—	—
12/20/2004	<1.0	<1.0	<1.0	340	0.0094	7.30	<1.0	<1.0	<1.0	790	0.038	6.80	16	8.7	<1.0	510	0.0160	7.00	<1.0	<1.0	<1.0	750	0.14	6.60
1/25/2005	<1.0	<1.0	<1.0	400	0.093	ND	<1.0	<1.0	<1.0	780	0.038	ND	14	9	<1.0	500	0.0190	ND	<1.0	<1.0	<1.0	660	0.15	ND
2/28/2005	<5.0	<5.0	<5.0	352	<0.139	7.30	<5.0	<5.0	<5.0	710	<0.139	6.80	14.4	7.83	<5.0	458	<0.139	7.00	<5.0	<5.0	<5.0	745	0.235	5.90
3/29/2005	<5.0	<5.0	<5.0	346	<0.046	7.30	<5.0	<5.0	<5.0	696	0.074	6.80	16.1	10.7	<5.0	491	<0.046	7.20	<5.0	<5.0	<5.0	815	0.175	6.20
4/25/2005	6.68	<2.0	<2.0	325	<0.0125	7.15	3.41	<2.0	<2.0	681	0.0781	6.85	20	10.4	<2.0	490	<0.0125	7.54	<2.0	<2.0	<2.0	873	0.235	5.29
5/12/2005	<2.0	<2.0	<7.0	335	<0.0125	7.28	3.37	<2.0	<7.0	666	.0.916	7.58	26.6	12.6	<8.0	484	0.0197	7.33	<2.0	<2.0	<2.0	869	0.23	ND
6/9/2005	<2.0	<2.0	<2.0	369	<0.0125	7.51	<2.0	<2.0	<2.0	669	0.0849	6.87	14.1	10.4	<2.0	489	0.0223	7.06	<2.0	<2.0	<2.0	992	0.265	5.56

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

THE ARNOLD ENGINEERING CO.
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1000	6.5-9	NO LIMIT - 2'NDARY WATER CLASS					
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
7/7/2005	<5.0	<5.0	<5.0	350	0.029	7.30	<5.0	<5.0	<5.0	760	0.034	6.80	12	10	<5.0	440	0.0260	7.00	<5.0	<5.0	<5.0	1000	0.32	6.40
8/26/2005	<2.0	<5.0	<5.0	236	0.0424	7.13	<2.0	<5.0	<5.0	792	0.0218	6.55	7.8	9.5	<5.0	418	0.0208	6.80	<2.0	<5.0	<5.0	824	0.22	6.07
9/16/2005	<2.0	<5.0	<5.0	328	0.0258	7.09	<2.0	<5.0	<5.0	816	0.0352	6.52	8.3	10.4	<5.0	422	0.0362	6.82	<2.0	<5.0	<5.0	924	0.285	6.18
10/14/2005	<2.0	<5.0	<5.0	324	0.0113	7.24	<2.0	<5.0	<5.0	814	0.0264	6.57	6.6	8.8	<5.0	390	0.0322	6.95	<2.0	<5.0	<5.0	800	0.191	6.66
11/14/2005	<2.0	<5.0	<5.0	292	<.0050	7.19	<2.0	<5.0	<5.0	780	0.0322	6.54	7.4	11.9	<5.0	378	0.0286	7.02	<2.0	<5.0	<5.0	928	0.156	5.95
12/19/2005	<2.0	<5.0	<5.0	340	0.0359	7.15	<2.0	<5.0	<5.0	782	0.029	6.63	7.1	10.2	<5.0	418	0.0378	6.98	<2.0	<5.0	<5.0	972	0.124	4.65
1/17/2006	<2.0	<5.0	<5.0	348	0.0102	6.97	<2.0	<5.0	<5.0	788	0.0162	6.44	8.2	12.8	<5.0	394	0.0405	6.90	<2.0	<5.0	<5.0	746	0.132	6.07
2/10/2006	<2.0	<5.0	<5.0	372	0.0182	7.00	<2.0	<5.0	<5.0	748	0.0362	6.25	8	12.1	<5.0	384	0.0293	6.62	<2.0	<5.0	<5.0	912	0.137	3.75
3/10/2006	<2.0	<5.0	<5.0	316	0.0144	6.56	<2.0	<5.0	<5.0	752	0.0344	6.31	8.5	12.6	<5.0	398	0.0537	6.63	<2.0	<5.0	<5.0	726	0.144	4.88
4/10/2006	<2.0	<5.0	<5.0	404	<0.0050	6.64	<2.0	<5.0	<5.0	696	0.026	6.29	7.9	11.8	<5.0	378	0.0253	6.54	<2.0	<5.0	<5.0	722	0.0997	6.18
5/15/2006	<2.0	<5.0	<5.0	326	0.0087	6.62	<2.0	<5.0	<5.0	700	0.0338	6.04	8	9.7	<5.0	446	0.0268	6.36	<2.0	<5.0	<5.0	648	0.0493	6.15
6/12/2006	<2.0	<5.0	<5.0	376	0.0268	6.60	<2.0	<5.0	<5.0	680	0.0424	6.08	9.6	11.5	<5.0	498	0.0938	6.42	<2.0	<5.0	<5.0	672	0.0991	6.52
7/14/2006	<2.0	<5.0	<5.0	408	<.0050	6.46	<2.0	<5.0	<5.0	700	0.0304	5.76	8.7	14.6	<5.0	462	0.0207	6.33	<2.0	<5.0	<5.0	708	0.0624	6.11
8/22/2006	<2.0	<5.0	<5.0	290	0.0172	7.26	<2.0	<5.0	<5.0	456	0.0526	6.82	9	13.4	<5.0	458	0.0357	7.05	<2.0	<5.0	<5.0	668	0.0605	7.01
9/15/2006	<2.0	<5.0	<5.0	318	0.0077	7.28	<2.0	<5.0	<5.0	602	0.0259	6.78	6.9	12.0	<5.0	474	0.0355	6.90	<2.0	<5.0	<5.0	610	0.0507	6.88
10/13/2006	<2.0	<5.0	<5.0	384	0.0175	7.53	<2.0	<5.0	<5.0	640	0.0219	6.56	8.7	13.9	<5.0	490	0.0183	7.23	<2.0	<5.0	<5.0	662	0.0579	6.17
11/13/2006	<2.0	<5.0	<5.0	358	0.0188	6.85	<2.0	<5.0	<5.0	624	0.022	6.21	9.31	13.9	<5.0	452	0.0329	6.78	<2.0	<5.0	<5.0	672	0.0484	6.38
12/15/2006	<2.0	<5.0	<5.0	374	0.0183	6.79	<2.0	<5.0	<5.0	550	0.0319	6.89	11.3	<5.0	<5.0	424	0.0211	6.91	<2.0	<5.0	<5.0	552	0.0401	6.75
1/12/2007	<2.0	<5.0	<5.0	394	0.019	7.17	<2.0	<5.0	<5.0	600	0.0765	6.71	10.8	15.5	<5.0	420	0.0305	7.33	<2.0	<5.0	<5.0	556	0.0506	7.01
2/19/2007	<2.0	<5.0	<5.0	462	0.0412	7.30	<2.0	<5.0	<5.0	838	0.0304	6.72	12.1	18.0	<5.0	428	<0.005	6.54	<2.0	<5.0	<5.0	500	0.0393	7.18
3/16/2007	<2.0	<5.0	<5.0	404	0.024	7.24	2.2	<5.0	<5.0	580	0.0544	6.85	18.8	18.3	<5.0	520	0.0557	6.74	<2.0	<5.0	<5.0	532	0.0497	7.27
3/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/23/2007	<2.0	<5.0	<5.0	378	0.0322	7.07	<2.0	<5.0	<5.0	626	0.0642	6.82	<2.0	12.2	<5.0	532	0.0416	6.89	<2.0	<5.0	<5.0	604	0.0426	7.55
5/11/2007	<2.0	<5.0	<5.0	364	0.016	7.48	<2.0	<5.0	<5.0	658	0.0975	7.15	13.6	16.0	<5.0	498	0.0589	7.12	<2.0	<5.0	<5.0	592	0.0274	7.54
6/25/2007	<2.0	<5.0	<5.0	348	0.0142	7.43	<2.0	<5.0	<5.0	494	0.082	7.14	12.0	10.3	<5.0	462	0.0380	7.02	<2.0	<5.0	<5.0	614	0.0696	7.5
7/13/2007	<2.0	<5.0	<5.0	296	<0.0050	7.38	<2.0	<5.0	<5.0	492	0.0851	7.12	10.8	16.1	<5.0	466	0.0233	7.03	<2.0	<5.0	<5.0	630	0.0474	6.97
8/10/2007	<2.0	<5.0	<5.0	344	0.0129	7.32	<2.0	<5.0	<5.0	180	0.0072	7.68	12.3	16.1	<5.0	548	0.0238	7.17	<2.0	<5.0	<5.0	620	0.0427	6.78

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

THE ARNOLD ENGINEERING CO.
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	6	1200	0.1000	6.5-9	NO LIMIT - 2'NDARY WATER CLASS					
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
9/7/2007	<2.0	<5.0	<5.0	316	0.0155	7.23	<2.0	<5.0	<5.0	348	0.0208	7.19	11.2	12.1	<5.0	436	0.0393	7.22	<2.0	<5.0	<5.0	594	0.0707	6.72
10/19/2007	<2.0	<5.0	<5.0	342	0.0139	7.39	<2.0	<5.0	<5.0	546	0.0402	7.23	10.5	14.4	<5.0	540	0.0260	7.12	<2.0	<5.0	<5.0	758	0.060	6.78
11/16/2007	<2.0	<5.0	<5.0	340	0.0059	7.04	4.9	<5.0	<5.0	508	0.0599	6.98	11.7	13.8	<5.0	472	0.0162	7.07	<2.0	<5.0	<5.0	722	0.050	6.08
12/17/2007	<2.0	<5.0	<5.0	446	0.0075	7.04	<2.0	<5.0	<5.0	644	0.0785	6.93	7.9	13.1	<5.0	530	0.0125	6.90	<2.0	<5.0	<5.0	784	0.088	6.18
1/18/2008	<2.0	<5.0	<5.0	386	0.0063	6.57	<2.0	<5.0	<5.0	592	0.0596	7.15	12.4	12.0	<5.0	536	0.0170	6.74	<2.0	<5.0	<5.0	820	0.0794	6.1
2/18/2008	<2.0	<5.0	<5.0	340	0.016	7.14	<2.0	<5.0	<5.0	582	0.0501	7.12	11.4	13	<5.0	510	0.0306	7.24	<2.0	<5.0	<5.0	830	0.0479	6.46
3/24/2008	<2.0	<5.0	<5.0	334	0.0222	6.87	<2.0	<5.0	<5.0	492	0.0314	7	<2.0	12.8	<5.0	552	0.0134	6.86	<2.0	<5.0	<5.0	768	0.0454	5.89
4/18/2008	<2.0	<5.0	<5.0	336	0.012	6.75	<2.0	<5.0	<5.0	520	0.0204	7.16	<2.0	10.5	<5.0	520	0.0211	6.78	<2.0	<5.0	<5.0	652	0.0588	6.38
5/16/2008	<2.0	<5.0	<5.0	292	0.0166	7.11	<2.0	<5.0	<5.0	508	0.0266	7.18	8.3	8.6	<5.0	514	0.0167	6.82	<2.0	<5.0	<5.0	664	0.052	6.48
6/19/2008	<2.0	<5.0	<5.0	300	0.00727	7.71	<2.0	<5.0	<5.0	352	0.0165	7.72	9.1	7.5	<5.0	480	0.0128	7.57	<2.0	<5.0	<5.0	698	0.101	7.08
7/29/2008	<2.0	<5.0	<5.0	306	<0.0050	7.37	<2.0	<5.0	<5.0	498	0.0259	7.2	9.7	11.5	<5.0	442	0.0296	7.17	<2.0	<5.0	<5.0	580	0.0851	6.65
8/25/2008	<2.0	<5.0	<5.0	350	0.0094	7.52	<2.0	<5.0	<5.0	610	0.0418	7.04	<2.0	9.5	<5.0	522	0.0422	7.18	<2.0	<5.0	<5.0	720	0.0796	6.38
9/22/2008	<2.0	<5.0	<5.0	382	<0.0050	7.29	<2.0	<5.0	<5.0	558	0.0582	7.03	8	7.4	<5.0	484	0.0176	7.14	<2.0	<5.0	<5.0	654	0.0508	6.67
10/17/2008	<2.0	<5.0	<5.0	354	<0.0050	7.77	<2.0	<5.0	<5.0	514	0.0425	7.26	10.2	9.1	<5.0	512	0.0556	7.26	<2.0	<5.0	<5.0	660	0.0432	6.96

THE ARNOLD ENGINEERING CO.

Additional Wells

MONTHLY SUMMARY OF MONITORING WELLS

	Monitoring Well A4						Monitoring Well #A5						Monitoring Well #A6						Monitoring Well #A7						Monitoring Well #A8						Monitoring Well #A9(OB)					
	111 TRICHLOROETHAN	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHAN	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHAN	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHAN	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHAN	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHAN	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1000	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
11/29/2004	<1.0	<1.0	<1.0	460	0.057	7.10	<1.0	<1.0	<1.0	320	<0.1	7.30	17	<1.0	<1.0	700	<0.1	6.90	8.1	<1.0	<1.0	460	<0.1	7.20	41	<1.0	<1.0	560	<0.1	7.00	<1.0	<1.0	<1.0	560	<0.1	7.40
12/29/2004	<1.0	<1.0	<1.0	500	0.018	7.10	<1.0	<1.0	<1.0	370	<0.1	7.30	19	<1.0	<1.0	600	0.0560	6.90	8.8	<1.0	<1.0	510	0.063	7.20	67	<1.0	<1.0	500	0.030	7.00	<1.0	<1.0	<1.0	440	0.062	7.40
1/25/2005	<1.0	<1.0	<1.0	490	0.028	ND	<1.0	<1.0	<1.0	380	0.0065	ND	22	<1.0	<1.0	870	0.0670	ND	13	<1.0	<1.0	460	0.067	ND	82	<1.0	<1.0	540	0.041	ND	<1.0	<1.0	<1.0	640	0.058	ND
2/28/2005	<5.0	<5.0	<5.0	457	<0.139	7.10	<5.0	<5.0	<5.0	283	<0.139	7.30	21.8	<5.0	<5.0	665	<0.139	7.00	33.8	<5.0	<5.0	518	<0.139	7.10	38.8	<5.0	<5.0	611	<0.139	6.90	<5.0	<5.0	<5.0	618	<0.139	7.20
3/29/2005	<5.0	<5.0	<5.0	670	<.048	7.10	<5.0	<5.0	<5.0	330	<.048	7.30	17.3	<5.0	<5.0	667	0.0610	6.90	18	<5.0	<5.0	564	0.061	7.10	43.1	<5.0	<5.0	632	<.048	7.00	<5.0	<5.0	<5.0	670	0.06	7.30
4/25/2005	<2.0	<2.0	<2.0	422	<0.0125	7.50	0.94	<2.0	<2.0	316	<0.0125	7.59	38.0	<2.0	<2.0	665	0.0270	7.77	44.2	<2.0	3.05	509	0.0403	7.23	77.1	<2.0	<2.0	608	0.0282	6.56	<2.0	<2.0	<2.0	654	0.02	7.63
5/12/2005	<2.0	<2.0	<2.0	461	<0.0125	6.44	<2.0	<2.0	<7.0	287	<0.0125	6.50	21.3	<2.0	<2.0	669	0.0456	7.70	31.2	<2.0	<9.0	548	0.0485	6.87	51.2	<2.0	<9.0	660	0.0251	6.57	<2.0	<2.0	<7.0	868	0.021	6.33
6/9/2005	<2.0	<2.0	<2.0	487	<0.0125	7.20	<2.0	<2.0	<2.0	356	<0.0125	7.39	11.8	<2.0	<2.0	725	0.0288	6.86	11.8	<2.0	3.38	550	<0.0125	7.13	35.2	<2.0	<2.0	562	<0.0125	6.50	<2.0	<2.0	<2.0	740	0.018	6.76
7/7/2005	<5.0	<5.0	<5.0	570	0.065	7.20	<5.0	<5.0	<5.0	370	0.022	7.40	13	<5.0	<5.0	800	0.0480	6.90	8.1	<5.0	<5.0	500	0.078	7.20	33	<5.0	<5.0	540	0.022	7.00	<5.0	<5.0	<5.0	670	0.038	7.30
8/26/2005	<2.0	<5.0	<5.0	488	0.0087	6.83	<2.0	<5.0	<5.0	312	<0.0050	7.18	11	<5.0	<5.0	616	0.0183	6.82	12.8	<5.0	<5.0	438	0.0280	6.84	40.9	<5.0	<5.0	512	0.0100	6.73	<2.0	<5.0	<5.0	768	0.039	7.08
9/16/2005	<2.0	<5.0	<5.0	434	0.0157	6.63	<2.0	<5.0	<5.0	308	0.0122	7.14	11.6	<5.0	<5.0	633	0.0383	6.65	14.2	<5.0	<5.0	426	0.0259	7.02	44.5	<5.0	<5.0	498	0.0172	6.98	<2.0	<5.0	<5.0	768	0.019	7.04
10/14/2005	<2.0	<5.0	<5.0	432	0.0082	6.79	<2.0	<5.0	<5.0	318	0.009	7.21	12.2	<5.0	<5.0	582	0.0563	6.70	23.8	<5.0	<5.0	410	0.0387	6.84	56.7	<5.0	<5.0	444	0.0152	6.86	<2.0	<5.0	<5.0	618	0.009	7.04
11/14/2005	<2.0	<5.0	<5.0	426	0.016	6.88	<2.0	<5.0	<5.0	282	0.0181	7.16	10.8	<5.0	<5.0	656	0.0535	6.77	82	<5.0	<5.0	418	0.0286	7.02	58.8	<5.0	<5.0	448	0.0173	6.87	<2.0	<5.0	<5.0	618	0.018	7.08
12/16/2005	<2.0	<5.0	<5.0	468	0.0232	6.87	<2.0	<5.0	<5.0	330	0.0057	7.48	8	<5.0	<5.0	582	0.0502	6.86	340	<5.0	<5.0	478	0.0225	7.05	47.6	<5.0	<5.0	456	0.0368	7.08	<2.0	<5.0	<5.0	502	0.018	6.84
1/17/2006	<2.0	<5.0	<5.0	472	0.0114	6.73	<2.0	<5.0	<5.0	338	0.0068	7.17	8.8	<5.0	<5.0	704	0.0536	6.69	524	<5.0	8.2	440	0.0188	6.84	72.8	<5.0	<5.0	482	0.0214	6.85	<2.0	<5.0	<5.0	521	0.016	6.88
2/10/2006	<2.0	<5.0	<5.0	462	0.0184	6.88	<2.0	<5.0	<5.0	344	0.0161	6.80	7.8	<5.0	<5.0	576	0.0608	6.87	518	<5.0	5.7	498	0.0314	6.82	85	<5.0	<5.0	530	0.0574	6.83	<2.0	<5.0	<5.0	604	0.028	6.73
3/10/2006	<2.0	<5.0	<5.0	398	0.0184	6.72	<2.0	<5.0	<5.0	288	0.013	6.91	7.7	<5.0	<5.0	576	0.0574	6.56	504	<5.0	8.5	558	0.0522	6.70	64.1	<5.0	<5.0	444	0.0501	6.61	<2.0	<5.0	<5.0	794	0.032	6.83
4/10/2006	<2.0	<5.0	<5.0	482	<0.0050	6.87	<2.0	<5.0	<5.0	390	<0.0050	6.84	8.0	<5.0	<5.0	722	0.0163	6.35	530	<5.0	<5.0	484	0.0171	6.61	70.7	<5.0	<5.0	562	0.0144	6.44	<2.0	<5.0	<5.0	1130	0.017	6.01
5/15/2006	<2.0	<5.0	<5.0	474	<0.0050	6.17	<2.0	<5.0	<5.0	388	<0.0050	6.57	8.4	<5.0	<5.0	664	0.0130	6.18	381	<5.0	<5.0	550	0.0144	6.57	59.3	<5.0	<5.0	574	0.0114	6.28	NS	NS	NS	NS	NS	NS
6/12/2006	<2.0	<5.0	<5.0	518	0.0073	6.34	<2.0	<5.0	<5.0	394	<0.0050	6.83	8.3	<5.0	<5.0	714	0.0175	6.21	460	<5.0	6.1	582	0.0141	6.44	42.3	<5.0	<5.0	686	0.0123	6.36	NS	NS	NS	NS	NS	NS
7/14/2006	<2.0	<5.0	<5.0	532	0.0056	6.34	<2.0	<5.0	<5.0	338	<0.0050	6.16	7.4	<5.0	<5.0	748	0.0473	6.67	380	<5.0	<5.0	510	0.0139	6.34	43.9	<5.0	<5.0	624	0.0165	6.21	NS	NS	NS	NS	NS	NS
8/22/2006	<2.0	<5.0	<5.0	422	0.0100	7.09	<2.0	<5.0	<5.0	304	0.0069	7.18	8.3	<5.0	<5.0	632	0.0310	7.00	566	<5.0	6.1	456	0.0258	7.2	39.3	<5.0	<5.0	616	0.0222	7.09	NS	NS	NS	NS	NS	NS
9/15/2006	<2.0	<5.0	<5.0	443	<0.0050	6.96	<2.0	<5.0	<5.0	322	<0.0050	7.76	7.3	<5.0	<5.0	628	0.0216	6.74	491	<5.0	<5.0	506	0.02	6.58	38.0	<5.0	<5.0	510	0.0090	6.80	NS	NS	NS	NS	NS	NS
10/13/2006	<2.0	<5.0	<5.0	502	<0.0050	6.92	<2.0	<5.0	<5.0	382	0.0059	7.09	8.3	<5.0	<5.0	638	0.0181	7.07	637	<5.0	<5.0	544	0.0182	7.07	54.4	<5.0	<5.0	614	0.0115	6.78	NS	NS	NS	NS	NS	NS
11/13/2006	<2.0	<5.0	<5.0	450	<0.0050	6.84	<2.0	<5.0	<5.0	354	0.0063	6.86	7.38	<5.0	<5.0	648	0.0193	6.45	713	<5.0	<5.0	520	0.0143	6.72	34.9	<5.0	<5.0	548	0.0114	6.34	NS	NS	NS	NS	NS	NS
12/15/2006	<2.0	<5.0	<5.0	482	<0.0050	6.88	<2.0	<5.0	<5.0	324	<0.0050	6.83	<2.0	<5.0	<5.0	608	0.0241	6.69	404	<5.0	<5.0	498	0.014	6.67	45.6	<5.0	<5.0	534	0.0102	6.88	NS	NS	NS	NS	NS	NS
1/12/2007	<2.0	<5.0	<5.0	484	<0.0050	6.93	<2.0	<5.0	<5.0	314	<0.0050	7.32	7.8	<5.0	<5.0	664	0.0185	6.98	501	<5.0	<5.0	474	0.0186	6.98	36.7	<5.0	<5.0	490	0.00980	7.14	NS	NS	NS	NS	NS	NS
2/16/2007	<2.0	<5.0	<5.0	478	<0.0050	6.90	<2.0	<5.0	<5.0	338	0.0318	6.86	7.3	<5.0	<5.0	580	0.0207	6.43	422	<5.0	<5.0	504	0.0181	6.73	30.4	<5.0	<5.0	490	0.0143	6.73	NS	NS	NS	NS	NS	NS
3/16/2007	<2.0	<5.0	<5.0	372	<0.0050	6.84	Well frozen - not sampled.						Well frozen - not sampled.						384	<5.0	5.8	604	0.00848	6.9	Well frozen - not sampled.						NS	NS	NS	NS	NS	NS
3/22/2007	NS	NS	NS	NS	NS	NS	<2.0	<5.0	<5.0	258	<0.0050	7.08	7.7	<5.0	<5.0	624	0.0181	6.71	NS	NS	NS	NS	NS	NS	24.2	<5.0	<5.0	432	0.014	6.81	NS	NS	NS	NS	NS	NS
4/23/2007	<2.0	<5.0	<5.0	398	0.0088	6.82	<2.0	<5.0	<5.0	345	<0.0050	7.18	<2.0	<5.0	<5.0	666	0.0127	6.74	247	<5.0	<5.0	740	0.0192	6.95	23.7	<5.0	<5.0	552	0.0147	6.85	NS	NS	NS	NS	NS	NS
5/11/2007	<2.0	<5.0	<5.0	383	<0.0050	7.32	<2.0	<5.0	<5.0	318	<0.0050	7.48	7.7	<5.0	<5.0	628	0.0108	7.04	197	<5.0	<5.0	622	0.014	7.28	25.8	<5.0	<5.0	474	0.00886	7.22	NS	NS	NS	NS	NS	NS
6/25/2007	<2.0	<5.0	<5.0	474	0.0081	7.12	<2.0	<5.0	<5.0	324	<0.0050	7.39	8.0	<5.0	<5.0	618	0.0225	6.81	156	<5.0	<5.0	652	0.0135	7.23	23.5	<5.0	<5.0	508	0.018	7.09	NS	NS	NS	NS	NS	NS
7/13/2007	<2.0	<5.0	<5.0	418	<0.0050	7.07	10.7	18.3	<5.0	294	<0.0050	7.25	7.3	<5.0	<5.0	544	0.0237	6.96	127	<5.0	<5.0	610	0.011	7.13	17.1	<5.0	<5.0	482	0.0307	7.06	NS	NS	NS	NS	NS	NS
8/10/2007	<2.0	<5.0	<5.0	528	<0.0050	7.22	<2.0	<5.0	<5.0	348	0.003	7.38	8.3	<5.0	<5.0	608	0.0252	6.83	183	<5.0	<5.0	622	0.0184	7.16	21.8	<5.0	<5.0	532	0.00816	7.12	NS	NS	NS	NS	NS	NS
9/7/2007	<2.0	<5.0	<5.0	344	0.0125	7.07	<2.0	<5.0	<5.0	348	0.0088	7.38	8.1	<5.0	<5.0	462	0.0240	7.00	179	<5.0	<5.0	572	0.0230	7.02	7.4	<5.0	<5.0	398	0.034	7.12	NS	NS	NS	NS	NS	NS
10/18/2007	<2.0	<5.0	<5.0	444	<0.0050	7.14	<2.0	<5.0	<5.0	352	0.0280	7.08	NA	NA	NA	626	0.0284	7.08	183	<5.0	<5.0	538	0.0325	7.21	7.4	<5.0	<5.0	494	0.0151	7.13	NS	NS	NS	NS	NS	NS
10/29/2007													8.2	<5.0	<5.0																					
11/19/2007	<2.0	<5.0	<5.0	480	0.0104	6.86	4.7	<5.0	<5.0	382	<0.0050	6.74	<2.0	<5.0	<5.0	516	0.0363	6.88	233	<5.0	<5.0	486	0.030	7.17	12.7	<5.0	<5.0	468	0.0348	7.12	NS	NS	NS	NS	NS	NS
12/17/2007	<2.0	<5.0	<5.0	448	0.0070	7.02	<2.0	<5.0	<5.0	384	<0.0050	7.18	4.9	<5.0	<5.0	560	0.0367	7.25	237	<5.0	<5.0	512	0.0287	7.40	12.4	<5.0	<5.0	482	0.0310	7.10	NS	NS	NS	NS	NS	NS
1/18/2008	<2.0	<5.0	<5.0	450	0.005	7.00	<2.0	<5.0	<5.0	350	<0.0050	7.39	6.3	<5.0	<5.0	552	0.0408	6.84	347	<5.0	<5.0	504	0.0304	7.34	14.4	<5.0	<5.0	510	0.0182	6.86	NS	NS	NS	NS	NS	NS
2/18/2008	<2.0	<5.0	<5.0	312	<0.0050	7.01	<2.0	<5.0	<5.0	128	<0.0050	7.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.2	<5.0	<5.0	184	0.0138	7.86	NS	NS	NS	NS	NS	NS
3/24/2008	<2.0	<5.0	<5.0	328	0.0058	7.02	<2.0	<5.0	<5.0	294	<0.0050	7.29	<2.0	<5.0	<5.0	510	0.0123	6.82	178	<5.0	<5.0	488	0.0184	7.18	<2.0	<5.0	<5.0	408	0.0108	6.57	NS	NS	NS	NS	NS	NS
4/18/2008	<2.0	<5.0	<5.0	318	0.0081	7.03	<2.0	<5.0	<5.0	288	<0.0050	7.13	<2.0	<5.0	<5.0	500	0.0085	6.61	130	<5.0	<5.0	448	0.011	7.07	10.2	<5.0	<5.0	428	0.0164	7.08	NS	NS	NS	NS	NS	NS
5/16/2008	<2.0	<5.0	<5.0	300	0.0157	7.19	<2.0	<5.0	<5.0	284	0.0052	7.29	4.9	<5.0	<5.0	472	0.0132	6.74	119	<5.0	<5.0	434	0.014	7.08	4.2	<5.0	<5.0	382	0.0265	6.94	NS	NS	NS	NS	NS	NS
6/19/2008	<2.0	<5.0	<5.0	284	<0.0050	7.45	<2.0	<5.0	<5.0	224	0.0087	7.77	5	<5.0	<5.0	488	0.0085	7.48	108	<5.0	<5.0	412	<0.005	7.36	3.1	<5.0	<5.0	390	<0.005	7.75	NS	NS	NS	NS	NS	NS
7/28/2008	<2.0	<5.0	<5.0	338	0.0136	7.13	108	<5.0	<5.0	248	0.0084	7.25	<2.0	<5.0	<5.0	500	0.0128	7.08	<2.0	<5.0	<5.0	350	0.0136	7.13	<2.0	<5.0	<5.0	430	0.0125	7.24	NS	NS	NS	NS	NS	NS
8/25/2008	<2.0	<5.0	<5.0	428	0.0074	7.23	<2.0	<5.0	<5.0	340	0.007	7.41	7.2	<5.0	<5.0	538	0.0205	7.13	80.8	<5.0	<5.0	412	0.00716	7.84	<2.0	<5.0	<5.0	480	0.00536	7.33	NS	NS	NS	NS	NS	NS
9/22/2008	<2.0	<5.0	<5.0	468	<0.0050	7.04	<2.0	<5.0	<5.0	356	<0.0050	7.34	8.1	<5.0	<5.0	622	0.0285	7.18	62.8	<5.0	<5.0	592	0.0078	7.35	<2.0	<5.0	<5.0	452	0.0114	7.26	NS	NS	NS	NS	NS	NS
10/17/2008	<2.0	<5.0	<5.0	414	<0.0050	7.18	<2.0	<5.0	<5.0	414	<0.0050	7.45	<2.0	<5.0	<5.0	564	0.0189	7.42	63.8	<5.0	<5.0	412	0.0213	7.63	<2.0	<5.0	<5.0	484	0.0224	7.4	NS	NS	NS	NS	NS	NS

ARNOLD MAGNETIC TECHNOLOGIES

May 15, 2008

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Subject: Arnold Magnetic Technologies
Marengo, Illinois
Permit No. 2006-EO-0690

To Whom It May Concern:

Enclosed is the semiannual report of groundwater monitoring activities at the Arnold Magnetics Technologies (Arnold) facility, located at 300 N. West Street in Marengo, Illinois. Also included is the record of wastewater flow entering Pond #5 at the facility. This report documents the period from November 1, 2007 through April 30, 2008.

Arnold continues to utilize Prairie Analytical Systems (Prairie), a NELAC-certified laboratory, of Springfield, Illinois, to perform its monthly groundwater sampling events. Prairie was contracted by Arnold in August 2005. Please note that groundwater samples from monitoring wells MW-A6 and MW-A7 could not be collected for the month of February after several attempts, due to inclement weather conditions. If there are any questions, please contact me at (815) 568-2316.

Sincerely,

Alan Kalaczinski
Facilities Manager

Attachments

cc (w/att.): Illinois Environmental Protection Agency
Division of Water Pollution Control
9511 W. Harrison Street
Des Plaines, IL 60016

Pond #5 Flow Rates

TIME PERIOD	AVERAGE DAILY FLOW RATE (gal/hr)
November 2007	22,550
December 2007	22,081
January 2008	21,694
February 2008	22,793
March 2008	22,452
April 2008	22,283

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

ARNOLD MAGNETIC TECHNOLOGIES
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4						Outfall
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	COBALT (TRI Use Only)
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.100	6.5-9	NO LIMIT - 2NDARY WATER CLASS						
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		mg/l
ta 1/10/01	<1.0	<1.0	<1.0	240	<0.050		<1.0	<1.0	<1.0	270	0.059		2100	1.3	4.7	810	<0.050		<1.0	2.2	<1.0	476	0.406		
2/2/2001	<1.0	<1.0	<1.0	368	<0.050		<1.0	<1.0	<1.0	388	<0.050		1600	<20	<20	872	<0.050		<1.0	1.2	<1.0	627	1.02		
3/7/2001	<1.0	<1.0	<1.0	340	<0.050		<1.0	<1.0	<1.0	412	<0.050		1700	<10	<10	542	<0.050		<1.0	<1.0	<1.0	604	1.2		
4/2/2001	<1.0	<1.0	<1.0	338	<0.050		<1.0	<1.0	<1.0	414	<0.050		1200	1.4	3.6	684	<0.050		<1.0	<1.0	<1.0	534	2.14		
5/2/2001	<1.0	<1.0	<1.0	336	<0.050		<1.0	<1.0	<1.0	464	<0.050		1200	1.2	3.7	668	<0.050		<1.0	<1.0	<1.0	532	1		
6/11/2001	<1.0	<1.0	<1.0	348	<0.050		<1.0	<1.0	<1.0	484	<0.050		1800	<10	<10	664	<0.050		<1.0	<1.0	<1.0	508	0.47		
7/10/2001	<1.0	<1.0	<1.0	324	<0.050		<1.0	<1.0	<1.0	464	0.083		2800	<10	<10	682	<0.050		<1.0	<1.0	<1.0	516	0.38		
8/16/2001	<1.0	<1.0	<1.0	352	<0.050		<1.0	<1.0	<1.0	378	0.059		3000	<10	<10	663	<0.050		<1.0	<1.0	<1.0	916	0.26		
9/7/2001	<1.0	<1.0	<1.0	376	<0.050		<1.0	<1.0	<1.0	448	<0.050		2200	1.3	4.8	703	<0.050		<1.0	<1.0	<1.0	482	0.333		
10/2/2001	<1.0	<1.0	<1.0	400	<0.050		<1.0	<1.0	<1.0	464	0.051		2200	<20	<20	656	<0.050		<1.0	<1.0	<1.0	542	0.645		
11/16/2001	<1.0	<1.0	<1.0	350	<0.050		<1.0	<1.0	<1.0	428	0.056		1800	1.1	4.8	648	<0.050		<1.0	<1.0	<1.0	636	0.352		
12/11/2001	<2.0	<2.0	<2.0	365	<0.010		<2.0	<2.0	<2.0	428	0.071		1750	<2.0	4.8	662	0.026		<2.0	<2.0	<2.0	670	0.298		
1/11/2002	<1.0	<1.0	<1.0	388	0.013		<2.0	<2.0	<2.0	390	0.069		1250	<2.0	2.8	655	0.050		<2.0	<2.0	<2.0	694	0.431		
2/11/2002	<2.0	<2.0	<2.0	388	0.021		<1.0	<1.0	<1.0	428	0.082		788	1.3	3.8	708	0.029		<1.0	<1.0	<1.0	648	0.325		
3/7/2002	<2.0	<2.0	<2.0	376	0.018		<2.0	<2.0	<2.0	414	0.055		506	<2.0	2.8	636	0.029		<2.0	<2.0	<2.0	691	0.486		
4/22/2002	<2.0	<2.0	<2.0	348	0.019		<2.0	<2.0	<2.0	457	0.099		271	<2.0	<2.0	605	0.032		<2.0	<2.0	<2.0	698	0.431		
5/21/2002	<2.0	<2.0	<2.0	356	<0.010		<2.0	<2.0	<2.0	540	0.111		203	<2.0	<2.0	593	0.013		<2.0	<2.0	<2.0	651	0.776		
6/7/2002	<2.0	<2.0	<2.0	340	<0.010		<2.0	<2.0	<2.0	281	0.028		170	<2.0	<2.0	580	0.043		<2.0	<2.0	<2.0	630	0.6		
7/12/2002	<2.0	<2.0	<2.0	321	<0.010		<2.0	<2.0	<2.0	487	0.111		140	<2.0	<2.0	523	0.035		<2.0	<2.0	<2.0	608	0.336		
8/2/2002	<1.0	<1.0	<1.0	335	0.072		<1.0	<1.0	<1.0	551	0.063		87	<1.0	<1.0	538	0.022		<1.0	<1.0	<1.0	20600	0.388		
9/6/2002	<1.0	<1.0	<1.0	346	<0.010		<1.0	<1.0	<1.0	400	0.037		78	<1.0	<1.0	592	0.019		<1.0	<1.0	<1.0	888	0.701		
10/11/2002	<1.0	<1.0	<1.0	354	0.029		<1.0	<1.0	<1.0	586	0.198		192	<1.0	<1.0	630	0.040		<1.0	<1.0	<1.0	738	0.306		
11/12/2002	<1.0	<1.0	<1.0	347	0.011		<1.0	<1.0	<1.0	613	0.14		188	<1.0	<1.0	602	0.013		<1.0	<1.0	<1.0	864	0.288		
12/16/2002	<1.0	<1.0	<1.0	357	<0.010		<1.0	<1.0	<1.0	696	0.189		817	<1.0	<1.0	637	0.023		<1.0	<1.0	<1.0	703	0.273		
1/10/2003	<1.0	<1.0	<1.0	380	0.016		<1.0	<1.0	<1.0	744	0.101		636	1.1	1.1	676	0.029		<1.0	<1.0	<1.0	520	0.22		
2/7/2003	<1.0	<1.0	<1.0	288	0.013		<1.0	<1.0	<1.0	704	0.047		310	1.2	<1.0	576	<0.010		<1.0	<1.0	<1.0	664	0.218		
3/21/2003	<1.0	<1.0	<1.0	370	0.023		<1.0	<1.0	<1.0	676	0.056		62	2.3	<1.0	48	0.128		<1.0	<1.0	<1.0	611	0.247		
4/11/2003	<1.0	<1.0	<1.0	384	0.019		<1.0	<1.0	<1.0	688	0.058		42	2.2	<1.0	650	0.116		<1.0	<1.0	<1.0	792	0.227		
5/8/2003	<1.0	<1.0	<1.0	396	0.01		<1.0	<1.0	<1.0	699	0.102		83	<1.0	<1.0	664	0.079		<1.0	<1.0	<1.0	682	0.282		
6/7/2003	<1.0	<1.0	<1.0	364	0.033		<1.0	<1.0	<1.0	618	0.081		87	2.7	<1.0	683	0.078		<1.0	<1.0	<1.0	750	0.243		
7/15/2003	<1.0	<1.0	<1.0	379	0.028		<1.0	<1.0	<1.0	686	0.05		29	1.2	<1.0	514	0.018		<1.0	<1.0	<1.0	776	0.701		
8/16/2003	<1.0	<1.0	<1.0	402	<0.010		<1.0	<1.0	<1.0	622	0.142		47	3	<1.0	857	0.018		<1.0	<1.0	<1.0	498	0.45		
9/10/2003	<1.0	<1.0	<1.0	742	0.024		<1.0	<1.0	<1.0	751	0.058		48	3.4	<1.0	500	0.032		<1.0	<1.0	<1.0	1080	0.409		
10/13/2003	<1.0	<1.0	<1.0	480	0.115		<1.0	<1.0	<1.0	790	0.139		33	3.7	<1.0	509	0.027		<1.0	<1.0	<1.0	948	0.326		

ND = Data Not Available

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

ARNOLD MAGNETIC TECHNOLOGIES
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4						Outfall
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	COBALT (TRI Use Only)
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.100	6.5-9	NO LIMIT - 2'NDARY WATER CLASS						
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		mg/l
11/10/2003	<1.0	<1.0	<1.0	410	0.026		<1.0	<1.0	<1.0	770	0.062		24	3.3	<1.0	488	0.028		<1.0	<1.0	<1.0	831	0.271		
12/12/2003	<1.0	<1.0	<1.0	454	0.092		<1.0	<1.0	<1.0	882	0.046		18	6.7	<1.0	500	0.040		<1.0	<1.0	<1.0	700	0.162		
1/16/2004	<1.0	<1.0	<1.0	460	0.062		<1.0	<1.0	<1.0	840	0.044		23	6.6	<1.0	480	0.027		<1.0	<1.0	<1.0	800	0.149		
2/9/2004	<1.0	<1.0	<1.0	424	0.088		<1.0	<1.0	<1.0	740	0.058		23	6.1	<1.0	488	0.025		<1.0	<1.0	<1.0	844	0.142		
3/8/2004	<1.0	<1.0	<1.0	1580	0.071		<1.0	<1.0	<1.0	261	0.028		20	6.7	<1.0	93	0.018		<1.0	<1.0	<1.0	26	0.168		
4/2/2004	<1.0	<1.0	<1.0	405	0.016		<1.0	<1.0	<1.0	584	0.041		17	6.3	<1.0	472	0.025		<1.0	<1.0	<1.0	908	0.286		
5/7/2004	<1.0	<1.0	<1.0	356	0.013		<1.0	<1.0	<1.0	670	0.064		24	6.7	<1.0	480	0.063		<1.0	<1.0	<1.0	1070	0.388		
6/11/2004	<1.0	<1.0	<1.0	280	<0.010		<1.0	<1.0	<1.0	428	0.039		16	4.8	<1.0	544	0.013		<1.0	<1.0	<1.0	748	0.218		
7/13/2004	2.6	<1.0	<1.0	611	0.07		<1.0	<1.0	<1.0	634	0.08		18	6.1	<1.0	522	0.110		<1.0	<1.0	<1.0	656	0.201		
8/25/2004	<1.0	<1.0	<1.0	372	0.045		<1.0	<1.0	<1.0	734	0.165		21	6	<1.0	522	0.085		<1.0	<1.0	<1.0	1030	0.424		
9/3/2004	<1.0	<1.0	<1.0	332	0.087		<1.0	<1.0	<1.0	704	0.164		16.7	6.5	<1.0	464	0.080		<1.0	<1.0	<1.0	852	0.44		
10/18/2004	<1.0	<1.0	<1.0	280	<1.0	7.47	<1.0	<1.0	<1.0	736	0.083	6.80	16.9	6.9	<1.0	524	0.026	7.11	<1.0	<1.0	<1.0	824	0.282	6.68	
11/29/2004	<1.0	<1.0	<1.0	340	0.0074	7.40	<1.0	<1.0	<1.0	780	0.066	6.70	17	9.2	<1.0	470	0.020	7.10	--	--	--	--	--	--	
12/20/2004	<1.0	<1.0	<1.0	340	0.0094	7.30	<1.0	<1.0	<1.0	780	0.038	6.80	16	6.7	<1.0	510	0.018	7.00	<1.0	<1.0	<1.0	760	0.14	6.60	
1/25/2005	<1.0	<1.0	<1.0	400	0.093	ND	<1.0	<1.0	<1.0	790	0.038	ND	14	9	<1.0	500	0.016	ND	<1.0	<1.0	<1.0	660	0.16	ND	
2/28/2005	<5.0	<5.0	<5.0	352	<0.139	7.30	<5.0	<5.0	<5.0	710	<0.139	6.80	14.4	7.83	<5.0	458	<0.139	7.00	<5.0	<5.0	<5.0	745	0.236	5.90	
3/28/2005	<5.0	<5.0	<5.0	346	<0.048	7.30	<5.0	<5.0	<5.0	696	0.074	6.80	16.1	10.7	<5.0	491	<0.048	7.20	<5.0	<5.0	<5.0	816	0.176	6.20	
4/28/2005	6.68	<2.0	<2.0	326	<0.0126	7.16	3.41	<2.0	<2.0	681	0.0791	6.85	20	10.4	<2.0	490	<0.0126	7.54	<2.0	<2.0	<2.0	673	0.235	5.29	
5/12/2005	<2.0	<2.0	<7.0	335	<0.0126	7.28	3.37	<2.0	<7.0	686	.0916	7.58	28.6	12.6	<8.0	484	0.020	7.33	<2.0	<2.0	<2.0	669	0.23	ND	
6/9/2005	<2.0	<2.0	<2.0	369	<0.0126	7.51	<2.0	<2.0	<2.0	689	0.0849	6.87	14.1	10.4	<2.0	489	0.022	7.06	<2.0	<2.0	<2.0	892	0.266	5.56	
7/7/2005	<5.0	<5.0	<5.0	350	0.029	7.30	<5.0	<5.0	<5.0	760	0.034	6.80	12	10	<5.0	440	0.026	7.00	<5.0	<5.0	<5.0	1000	0.32	6.40	
8/28/2005	<2.0	<5.0	<5.0	236	0.0424	7.13	<2.0	<5.0	<5.0	792	0.0218	6.55	7.8	9.5	<5.0	416	0.021	6.80	<2.0	<5.0	<5.0	824	0.22	6.07	
9/18/2005	<2.0	<5.0	<5.0	328	0.0258	7.09	<2.0	<5.0	<5.0	816	0.0352	6.52	8.3	10.4	<5.0	422	0.038	6.92	<2.0	<5.0	<5.0	824	0.285	6.18	
10/14/2005	<2.0	<5.0	<5.0	324	0.0113	7.24	<2.0	<5.0	<5.0	814	0.0284	6.57	6.6	8.8	<5.0	390	0.032	6.95	<2.0	<5.0	<5.0	800	0.181	6.66	
11/14/2005	<2.0	<5.0	<5.0	282	<.0050	7.19	<2.0	<5.0	<5.0	780	0.0322	6.54	7.4	11.9	<5.0	378	0.027	7.02	<2.0	<5.0	<5.0	828	0.166	5.95	
12/19/2005	<2.0	<5.0	<5.0	340	0.0359	7.15	<2.0	<5.0	<5.0	782	0.029	6.63	7.1	10.2	<5.0	418	0.038	6.98	<2.0	<5.0	<5.0	972	0.124	4.65	
1/17/2006	<2.0	<5.0	<5.0	348	0.0102	6.97	<2.0	<5.0	<5.0	786	0.0162	6.44	8.2	12.8	<5.0	394	0.041	6.90	<2.0	<5.0	<5.0	748	0.132	6.07	
2/10/2006	<2.0	<5.0	<5.0	372	0.0182	7.00	<2.0	<5.0	<5.0	748	0.0382	6.25	8	12.1	<5.0	394	0.029	6.82	<2.0	<5.0	<5.0	912	0.137	3.76	
3/10/2006	<2.0	<5.0	<5.0	316	0.0144	6.58	<2.0	<5.0	<5.0	752	0.0344	6.31	8.6	12.6	<5.0	398	0.054	6.63	<2.0	<5.0	<5.0	728	0.144	4.68	
4/10/2006	<2.0	<5.0	<5.0	404	<0.0050	6.64	<2.0	<5.0	<5.0	696	0.028	6.29	7.9	11.8	<5.0	378	0.025	6.54	<2.0	<5.0	<5.0	722	0.1	6.18	
5/15/2006	<2.0	<5.0	<5.0	328	0.0087	6.62	<2.0	<5.0	<5.0	700	0.0338	6.04	8	9.7	<5.0	448	0.027	6.36	<2.0	<5.0	<5.0	648	0.049	6.15	
6/12/2006	<2.0	<5.0	<5.0	376	0.0268	6.60	<2.0	<5.0	<5.0	680	0.0424	6.08	9.6	11.5	<5.0	498	0.094	6.42	<2.0	<5.0	<5.0	672	0.099	6.62	0.0915
7/14/2006	<2.0	<5.0	<5.0	408	<.0050	6.46	<2.0	<5.0	<5.0	700	0.0304	5.76	8.7	14.6	<5.0	462	0.021	6.33	<2.0	<5.0	<5.0	708	0.082	6.11	0.019
8/22/2006	<2.0	<5.0	<5.0	280	0.0172	7.26	<2.0	<5.0	<5.0	456	0.0528	6.82	9	13.4	<5.0	458	0.036	7.05	<2.0	<5.0	<5.0	668	0.081	7.01	0.0208

ND = Data Not Available

MONTHLY SUMMARY OF GROUNDWATER SAMPLING RESULTS

ARNOLD MAGNETIC TECHNOLOGIES
MARENGO, IL

	Monitoring Well #1						Monitoring Well #2						Monitoring Well #3						Outfall Pond 4						Outfall
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	COBALT (TRI Use Only)
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.100	6.5-9	NO LIMIT - 2'NDARY WATER CLASS						
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l		mg/l
9/15/2006	<2.0	<5.0	<5.0	318	0.0077	7.28	<2.0	<5.0	<5.0	602	0.0269	6.76	6.9	12.0	<5.0	474	0.038	6.90	<2.0	<5.0	<5.0	810	0.051	6.66	0.0125
10/13/2006	<2.0	<5.0	<5.0	364	0.0176	7.53	<2.0	<5.0	<5.0	640	0.0219	6.56	8.7	13.8	<5.0	490	0.018	7.23	<2.0	<5.0	<5.0	662	0.058	6.17	0.015
11/13/2006	<2.0	<5.0	<5.0	369	0.0188	6.85	<2.0	<5.0	<5.0	624	0.022	6.21	8.91	13.9	<5.0	462	0.033	6.78	<2.0	<5.0	<5.0	672	0.046	6.36	0.0076
12/15/2006	<2.0	<5.0	<5.0	374	0.0183	6.79	<2.0	<5.0	<5.0	660	0.0319	6.69	11.3	<5.0	<5.0	424	0.021	6.91	<2.0	<5.0	<5.0	652	0.04	6.75	0.0111
1/12/2007	<2.0	<5.0	<5.0	394	0.019	7.17	<2.0	<5.0	<5.0	600	0.0765	6.71	10.6	15.6	<5.0	420	0.031	7.33	<2.0	<5.0	<5.0	556	0.051	7.01	0.00814
2/19/2007	<2.0	<5.0	<5.0	462	0.0412	7.30	<2.0	<5.0	<5.0	536	0.0304	6.72	12.1	18.0	<5.0	428	<0.005	6.64	<2.0	<5.0	<5.0	600	0.039	7.16	0.0131
3/16/2007	<2.0	<5.0	<5.0	404	0.024	7.24	2.2	<5.0	<5.0	580	0.0544	6.65	16.8	18.3	<5.0	520	0.056	6.74	<2.0	<5.0	<5.0	632	0.05	7.27	0.017
3/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/23/2007	<2.0	<5.0	<5.0	378	0.0322	7.07	<2.0	<5.0	<5.0	626	0.0842	6.82	<2.0	12.2	<5.0	532	0.042	6.89	<2.0	<5.0	<5.0	604	0.043	7.55	0.00969
5/11/2007	<2.0	<5.0	<5.0	384	0.016	7.48	<2.0	<5.0	<5.0	658	0.0975	7.15	13.6	18.0	<5.0	498	0.059	7.12	<2.0	<5.0	<5.0	592	0.027	7.64	0.00845
6/25/2007	<2.0	<5.0	<5.0	348	0.0142	7.43	<2.0	<5.0	<5.0	494	0.082	7.14	12.0	10.3	<5.0	462	0.038	7.02	<2.0	<5.0	<5.0	614	0.07	7.5	0.00778
7/13/2007	<2.0	<5.0	<5.0	296	<0.0050	7.38	<2.0	<5.0	<5.0	492	0.0651	7.12	10.8	16.1	<5.0	466	0.023	7.03	<2.0	<5.0	<5.0	630	0.047	6.97	0.0119
8/10/2007	<2.0	<5.0	<5.0	344	0.0128	7.32	<2.0	<5.0	<5.0	180	0.0072	7.68	12.3	16.1	<5.0	548	0.024	7.17	<2.0	<5.0	<5.0	620	0.043	6.78	0.0108
9/7/2007	<2.0	<5.0	<5.0	316	0.0165	7.23	<2.0	<5.0	<5.0	348	0.0206	7.19	11.2	12.1	<5.0	436	0.039	7.22	<2.0	<5.0	<5.0	594	0.071	6.72	0.0282
10/19/2007	<2.0	<5.0	<5.0	342	0.0139	7.39	<2.0	<5.0	<5.0	546	0.0402	7.23	10.6	14.4	<5.0	540	0.026	7.12	<2.0	<5.0	<5.0	768	0.060	6.78	
11/16/2007	<2.0	<5.0	<5.0	340	0.0059	7.04	4.9	<5.0	<5.0	508	0.0599	6.98	11.7	13.8	<5.0	472	0.016	7.07	<2.0	<5.0	<5.0	722	0.060	6.08	0.00921
12/17/2007	<2.0	<5.0	<5.0	448	0.0075	7.04	<2.0	<5.0	<5.0	644	0.0765	6.83	7.9	13.1	<5.0	530	0.013	6.80	<2.0	<5.0	<5.0	764	0.089	6.18	0.0781
1/18/2008	<2.0	<5.0	<5.0	388	0.0063	6.67	<2.0	<5.0	<5.0	592	0.0696	7.15	12.4	12.0	<5.0	536	0.017	6.74	<2.0	<5.0	<5.0	820	0.079	6.1	0.0118
2/18/2008	<2.0	<5.0	<5.0	340	0.016	7.14	<2.0	<5.0	<5.0	562	0.0501	7.12	11.4	13	<5.0	510	0.031	7.24	<2.0	<5.0	<5.0	830	0.048	6.46	0.0124
3/24/2008	<2.0	<5.0	<5.0	334	0.0222	6.87	<2.0	<5.0	<5.0	492	0.0314	7	<2.0	12.8	<5.0	552	0.013	6.88	<2.0	<5.0	<5.0	768	0.045	6.89	0.0173
4/18/2008	<2.0	<5.0	<5.0	338	0.012	6.76	<2.0	<5.0	<5.0	520	0.0204	7.16	<2.0	10.5	<5.0	520	0.021	6.78	<2.0	<5.0	<5.0	652	0.059	6.38	0.0293

ND = Data Not Available

Add'l Wells

MONTHLY SUMMARY OF MONITORING WELLS

	Monitoring Well A4						Monitoring Well #A5					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
11/29/2004	<1.0	<1.0	<1.0	490	0.027	7.10	<1.0	<1.0	<1.0	330	<0.1	7.80
12/20/2004	<1.0	<1.0	<1.0	500	0.018	7.10	<1.0	<1.0	<1.0	370	<0.1	7.80
1/25/2005	<1.0	<1.0	<1.0	490	0.028	ND	<1.0	<1.0	<1.0	380	0.0081	ND
2/28/2005	<4.0	<4.0	<4.0	457	<0.130	7.10	<4.0	<4.0	<4.0	393	<0.130	7.30
3/29/2005	<4.0	<4.0	<4.0	570	<.048	7.10	<4.0	<4.0	<4.0	330	<.048	7.20
4/28/2005	<2.0	<2.0	<2.0	422	<0.0128	7.50	8.84	<2.0	<2.0	310	<0.0128	7.88
5/12/2005	<2.0	<2.0	<2.0	481	<0.0128	6.44	<2.0	<2.0	<2.0	287	<0.0128	6.50
6/8/2005	<2.0	<2.0	<2.0	457	<0.0128	7.50	<2.0	<2.0	<2.0	305	<0.0128	7.38
7/7/2005	<4.0	<4.0	<4.0	570	0.065	7.20	<4.0	<4.0	<4.0	370	0.022	7.40
8/29/2005	<2.0	<4.0	<4.0	496	0.0067	6.93	<2.0	<4.0	<4.0	312	<0.0080	7.18
9/16/2005	<2.0	<4.0	<4.0	434	0.0157	6.63	<2.0	<4.0	<4.0	308	0.0122	7.14
10/14/2005	<2.0	<4.0	<4.0	432	0.0082	6.76	<2.0	<4.0	<4.0	318	0.008	7.21
11/14/2005	<2.0	<4.0	<4.0	430	0.016	6.86	<2.0	<4.0	<4.0	282	0.0181	7.10
12/19/2005	<2.0	<4.0	<4.0	465	0.0232	6.97	<2.0	<4.0	<4.0	330	0.0097	7.40
1/17/2006	<2.0	<4.0	<4.0	478	0.0114	6.73	<2.0	<4.0	<4.0	358	0.0086	7.17
2/10/2006	<2.0	<4.0	<4.0	462	0.0144	6.86	<2.0	<4.0	<4.0	344	0.0165	6.66
3/10/2006	<2.0	<4.0	<4.0	398	0.0184	6.72	<2.0	<4.0	<4.0	359	0.016	6.81
4/19/2006	<2.0	<4.0	<4.0	482	<0.0080	6.87	<2.0	<4.0	<4.0	390	<0.0080	6.94
5/15/2006	<2.0	<4.0	<4.0	474	<0.0080	6.57	<2.0	<4.0	<4.0	369	<0.0080	6.57
6/12/2006	<2.0	<4.0	<4.0	610	0.0077	6.94	<2.0	<4.0	<4.0	384	<0.0080	6.83
7/14/2006	<2.0	<4.0	<4.0	622	0.0056	6.94	<2.0	<4.0	<4.0	330	<0.0080	6.66
8/22/2006	<2.0	<4.0	<4.0	422	0.0109	7.08	<2.0	<4.0	<4.0	304	0.0064	7.16
9/18/2006	<2.0	<4.0	<4.0	449	<0.0080	6.89	<2.0	<4.0	<4.0	322	<0.0080	7.70
10/13/2006	<2.0	<4.0	<4.0	502	<0.0050	6.82	<2.0	<4.0	<4.0	382	0.0088	7.09
11/13/2006	<2.0	<4.0	<4.0	480	<0.0080	6.80	<2.0	<4.0	<4.0	384	0.00827	6.89
12/18/2006	<2.0	<4.0	<4.0	482	<0.0050	6.86	<2.0	<4.0	<4.0	324	<0.0080	6.96
1/12/2007	<2.0	<4.0	<4.0	484	<0.0080	6.93	<2.0	<4.0	<4.0	316	<0.0080	7.32
2/19/2007	<2.0	<4.0	<4.0	479	<0.0080	6.90	<2.0	<4.0	<4.0	338	0.0318	6.86
3/16/2007	<2.0	<4.0	<4.0	872	<0.0050	6.98	Well frozen - not sampled					
3/22/2007	NS	NS	NS	NS	NS	NS	<2.0	<4.0	<4.0	358	<0.0080	7.08
4/23/2007	<2.0	<4.0	<4.0	398	0.0086	6.92	<2.0	<4.0	<4.0	340	<0.0080	7.16
5/11/2007	<2.0	<4.0	<4.0	882	<0.0050	7.32	<2.0	<4.0	<4.0	318	<0.0050	7.48
6/28/2007	<2.0	<4.0	<4.0	474	0.0081	7.12	<2.0	<4.0	<4.0	324	<0.0050	7.37
7/13/2007	<2.0	<4.0	<4.0	410	<0.0080	7.07	10.7	18.3	<4.0	294	<0.0080	7.28
8/10/2007	<2.0	<4.0	<4.0	528	<0.0080	7.32	<2.0	<4.0	<4.0	346	0.00902	7.39
9/7/2007	<2.0	<4.0	<4.0	844	0.0128	7.07	<2.0	<4.0	<4.0	348	0.0098	7.28
10/19/2007	<2.0	<4.0	<4.0	444	<0.0080	7.14	<2.0	<4.0	<4.0	382	0.0280	7.09
10/29/2007												
11/16/2007	<2.0	<4.0	<4.0	480	0.0184	6.86	4.7	<4.0	<4.0	362	<0.0050	6.74
12/17/2007	<2.0	<4.0	<4.0	448	0.0079	7.02	<2.0	<4.0	<4.0	394	<0.0050	7.16
1/18/2008	<2.0	<4.0	<4.0	450	0.008	7.00	<2.0	<4.0	<4.0	880	<0.0050	7.39
2/18/2008	<2.0	<4.0	<4.0	312	<0.0050	7.01	<2.0	<4.0	<4.0	122	<0.0050	7.86
3/24/2008	<2.0	<4.0	<4.0	320	0.0056	7.02	<2.0	<4.0	<4.0	254	<0.0050	7.25
4/18/2008	<2.0	<4.0	<4.0	319	0.0081	7.08	<2.0	<4.0	<4.0	296	<0.0050	7.13

	Monitoring Well #A6						Monitoring Well #A7					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
11/29/2004	17	<1.0	<1.0	700	<0.1	6.10	6.1	<1.0	<1.0	480	<0.1	7.80
12/20/2004	19	<1.0	<1.0	880	0.084	6.90	5.8	<1.0	<1.0	510	0.086	7.20
1/25/2005	23	<1.0	<1.0	670	0.087	ND	19	<1.0	<1.0	480	0.087	ND
2/28/2005	21.0	<4.0	<4.0	699	<0.130	7.00	24.9	<4.0	<4.0	636	<.130	7.10
3/29/2005	17.5	<4.0	<4.0	697	0.081	6.90	19	<4.0	<4.0	644	0.081	7.10
4/28/2005	18.8	<2.0	<2.0	689	0.028	7.77	44.3	<2.0	8.06	608	0.0463	7.25
5/12/2005	21.3	<2.0	<2.0	689	0.046	7.70	31.3	<2.0	<2.0	649	0.0450	6.07
6/8/2005	11.6	<2.0	<2.0	729	0.026	6.86	11.8	<2.0	8.36	639	<0.0128	7.13
7/7/2005	18	<4.0	<4.0	800	0.049	6.90	8.1	<4.0	<4.0	693	0.075	7.80
8/29/2005	11	<4.0	<4.0	818	0.018	6.62	12.8	<4.0	<4.0	431	0.0266	6.80
9/16/2005	11.8	<4.0	<4.0	692	0.030	6.65	14.3	<4.0	<4.0	439	0.0245	7.03
10/14/2005	12.3	<4.0	<4.0	842	0.060	6.70	33.8	<4.0	<4.0	410	0.0097	6.84
11/14/2005	10.1	<4.0	<4.0	886	0.064	6.77	91	<4.0	<4.0	419	0.0296	7.26
12/19/2005	9	<4.0	<4.0	882	0.080	6.80	840	<4.0	<4.0	478	0.0224	7.06
1/17/2006	8.4	<4.0	<4.0	704	0.064	6.49	534	<4.0	8.3	480	0.0165	6.84
2/10/2006	7.8	<4.0	<4.0	678	0.051	6.67	610	<4.0	8.7	480	0.0314	6.82
3/10/2006	7.7	<4.0	<4.0	678	0.057	6.89	804	<4.0	8.1	480	0.0327	6.70
4/19/2006	6.8	<4.0	<4.0	723	0.041	6.36	830	<4.0	<4.0	484	0.0171	6.81
5/15/2006	8.4	<4.0	<4.0	801	0.014	6.10	861	<4.0	<4.0	580	0.0144	6.37
6/12/2006	8.3	<4.0	<4.0	714	0.016	6.31	480	<4.0	4.1	582	0.0141	6.44
7/14/2006	7.4	<4.0	<4.0	749	0.047	6.07	390	<4.0	<4.0	510	0.0190	6.34
8/22/2006	8.2	<4.0	<4.0	832	0.031	7.00	860	<4.0	8.1	459	0.0225	7.18
9/18/2006	7.3	<4.0	<4.0	828	0.022	6.74	401	<4.0	<4.0	600	0.03	6.89
10/13/2006	6.3	<4.0	<4.0	858	0.018	7.07	637	<4.0	<4.0	644	0.0167	7.07
11/13/2006	7.58	<4.0	<4.0	844	0.019	6.46	715	<4.0	<4.0	580	0.0145	6.72
12/18/2006	<2.0	<4.0	<4.0	808	0.025	6.86	404	<4.0	<4.0	486	0.014	6.87
1/12/2007	7.8	<4.0	<4.0	844	0.018	6.86	501	<4.0	<4.0	474	0.0186	6.86
2/19/2007	7.8	<4.0	<4.0	890	0.021	6.43	482	<4.0	<4.0	604	0.0161	6.78
3/16/2007	Well frozen - not sampled						894	<4.0	8.6	604	0.0087	6.87
3/22/2007	7.7	<4.0	<4.0	824	0.018	6.71	NS	NS	NS	NS	NS	NS
4/23/2007	<2.0	<4.0	<4.0	898	0.019	6.74	247	<4.0	<4.0	746	0.0182	6.86
5/11/2007	7.7	<4.0	<4.0	838	0.011	7.04	197	<4.0	<4.0	622	0.014	7.28
6/28/2007	8.0	<4.0	<4.0	816	0.022	6.91	158	<4.0	<4.0	582	0.0168	7.23
7/13/2007	7.3	<4.0	<4.0	844	0.024	6.86	127	<4.0	<4.0	618	0.011	7.13
8/10/2007	8.3	<4.0	<4.0	800	0.023	6.83	163	<4.0	<4.0	622	0.0164	7.10
9/7/2007	8.1	<4.0	<4.0	462	0.024	7.00	178	<4.0	<4.0	572	0.0228	7.03
10/19/2007	NA	NA	NA	826	0.029	7.08	183	<4.0	<4.0	626	0.0325	7.31
10/29/2007	8.2	<4.0	<4.0									
11/16/2007	<2.0	<4.0	<4.0	818	0.038	6.99	253	<4.0	<4.0	466	0.030	7.17
12/17/2007	4.9	<4.0	<4.0	890	0.040	7.05	257	<4.0	<4.0	512	0.0287	7.40
1/18/2008	6.2	<4.0	<4.0	882	0.041	6.84	207	<4.0	<4.0	506	0.0306	7.34
2/18/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/24/2008	<2.0	<4.0	<4.0	810	0.012	6.82	176	<4.0	<4.0	469	0.0184	7.18
4/18/2008	<2.0	<4.0	<4.0	800	0.008	6.81	130	<4.0	<4.0	448	0.011	7.07

	Monitoring Well #A8						Monitoring Well #A8(OS)					
	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH	111 TRICHLOROETHANE	TETRACHLOROETHENE	TRICHLOROETHENE	DISSOLVED SOLIDS	NICKEL	pH
LIMITS	200	5	5	1200	0.1	6.5-9	200	5	5	1200	0.1	6.5-9
Date	ug/l	ug/l	ug/l	mg/l	mg/l		ug/l	ug/l	ug/l	mg/l	mg/l	
11/29/2004	41	<1.0	<1.0	690	<0.1	7.00	<1.0	<1.0	<1.0	650	<0.1	7.40
12/20/2004	57	<1.0	<1.0	690	0.039	7.00	<1.0	<1.0	<1.0	440	0.062	7.40
1/25/2005	62	<1.0	<1.0	640	0.041	ND	<1.0	<1.0	<1.0	640	0.085	ND
2/28/2005	34.6	<4.0	<4.0	611	<0.130	6.90	<4.0	<4.0	<4.0	610	<0.130	7.20
3/29/2005	43.1	<4.0	<4.0	632	<.048	7.20	<4.0	<4.0	<4.0	570	0.09	7.10
4/28/2005	77.1	<2.0	<2.0	606	0.028	6.56	<2.0	<2.0	<2.0	664	0.02	7.63
5/12/2005	61.2	<2.0	<2.0	685	0.028	6.67	<2.0	<2.0	<7.0	666	0.021	6.33
6/8/2005	34.3	<2.0	<2.0	602	0.0128	6.65	<2.0	<2.0	<2.0	748	0.018	6.78
7/7/2005	85	<4.0	<4.0	540	0.022	7.00	<4.0	<4.0	<4.0	670	0.038	7.30
8/29/2005	40.0	<4.0	<4.0	612	0.011	6.73	<4.0	<4.0	<4.0	789	0.029	7.06
9/16/2005	44.8	<4.0	<4.0	498	0.017	6.89	<2.0	<4.0	<4.0	780	0.018	7.04
10/14/2005	56.7	<4.0	<4.0	444	0.018	6.86	<2.0	<4.0	<4.0	818	0.008	7.04
11/14/2005	66.8	<4.0	<4.0	448	0.017	6.87	<2.0	<4.0	<4.0	818	0.010	7.09
12/19/2005	47.8	<4.0	<4.0	436	0.027	7.06	<2.0	<4.0	<4.0	802	0.018	6.84
1/17/2006	72.6	<4.0	<4.0	483	0.021	6.86	<2.0	<4.0	<4.0	824	0.018	6.89
2/10/2006	85	<4.0	<4.0	530	0.067	6.85	<2.0	<4.0	<4.0	894	0.028	6.73
3/10/2006	84.1	<4.0	<4.0	444	0.069	6.81	<2.0	<4.0	<4.0	798	0.032	6.65
4/19/2006	70.7	<4.0	<4.0	682	0.014	6.74	<2.0	<4.0	<4.0	1190	0.017	6.61
5/15/2006	80.3	<4.0	<4.0	674	0.011	6.56	NS	NS	NS	NS	NS	NS
6/12/2006	42.3	<4.0	<4.0	680	0.012	6.36	NS	NS	NS	NS	NS	NS
7/14/2006	43.8	<4.0	<4.0	624	0.09	6.31	NS	NS	NS	NS	NS	NS
8/22/2006	39.3	<4.0	<4.0	618	0.028	7.06	NS	NS	NS	NS	NS	NS
9/18/2006	80.0	<4.0	<4.0	610	0.009	6.89	NS	NS	NS	NS	NS	NS
10/13/2006	64.4	<4.0	<4.0	614	0.012	6.78	NS	NS	NS	NS	NS	NS
11/13/2006	34.8	<4.0	<4.0	649	0.011	6.94	NS	NS	NS	NS	NS	NS
12/18/2006	46.6	<4.0	<4.0	624	0.01	6.84	NS	NS	NS	NS	NS	NS
1/12/2007	36.7	<4.0	<4.0	490	0.008	7.14	NS	NS	NS	NS	NS	NS
2/19/2007	38.4	<4.0	<4.0	490	0.014	6.78	NS	NS	NS	NS	NS	NS
3/16/2007	Well frozen - not sampled						NS	NS	NS	NS	NS	NS
3/22/2007	34.3	<4.0	<4.0	432	0.014	6.81	NS	NS	NS	NS	NS	NS
4/23/2007	33.7	<4.0	<4.0	682	0.018	6.93	NS	NS	NS	NS	NS	NS
5/11/2007	23.8	<4.0	<4.0	474	0.008	7.22	NS	NS	NS	NS	NS	NS
6/28/2007	23.8	<4.0	<4.0	608	0.018	7.08	NS	NS	NS	NS	NS	NS
7/13/2007	17.1	<4.0	<4.0	482	0.031	7.00	NS	NS	NS	NS	NS	NS
8/10/2007	21.8	<4.0	<4.0	632	0.006	7.12	NS	NS	NS	NS	NS	NS
9/7/2007	7.4	<4.0	<4.0	388	0.034	7.12	NS	NS	NS	NS	NS	NS
10/19/2007	7.4	<4.0	<4.0	484	0.018	7.13	NS	NS	NS	NS	NS	NS
10/29/2007												
11/16/2007	18.7	<4.0	<4.0	488	0.036	7.12	NS	NS	NS	NS	NS	NS
12/17/2007	12.4	<4.0	<4.0	482	0.032	7.10	NS	NS	NS	NS	NS	NS
1/18/2008	14.4	<4.0	<4.0	610	0.010	6.98	NS	NS	NS	NS	NS	NS
2/18/2008	2.3	<4.0	<4.0	184	0.014	7.09	NS	NS	NS	NS	NS	NS
3/24/2008	<2.0	<4.0	<4.0	409	0.011	6.87	NS	NS	NS	NS	NS	NS
4/18/2008	10.3	<4.0	<4.0	428	0.017	7.08	NS	NS	NS	NS	NS	NS

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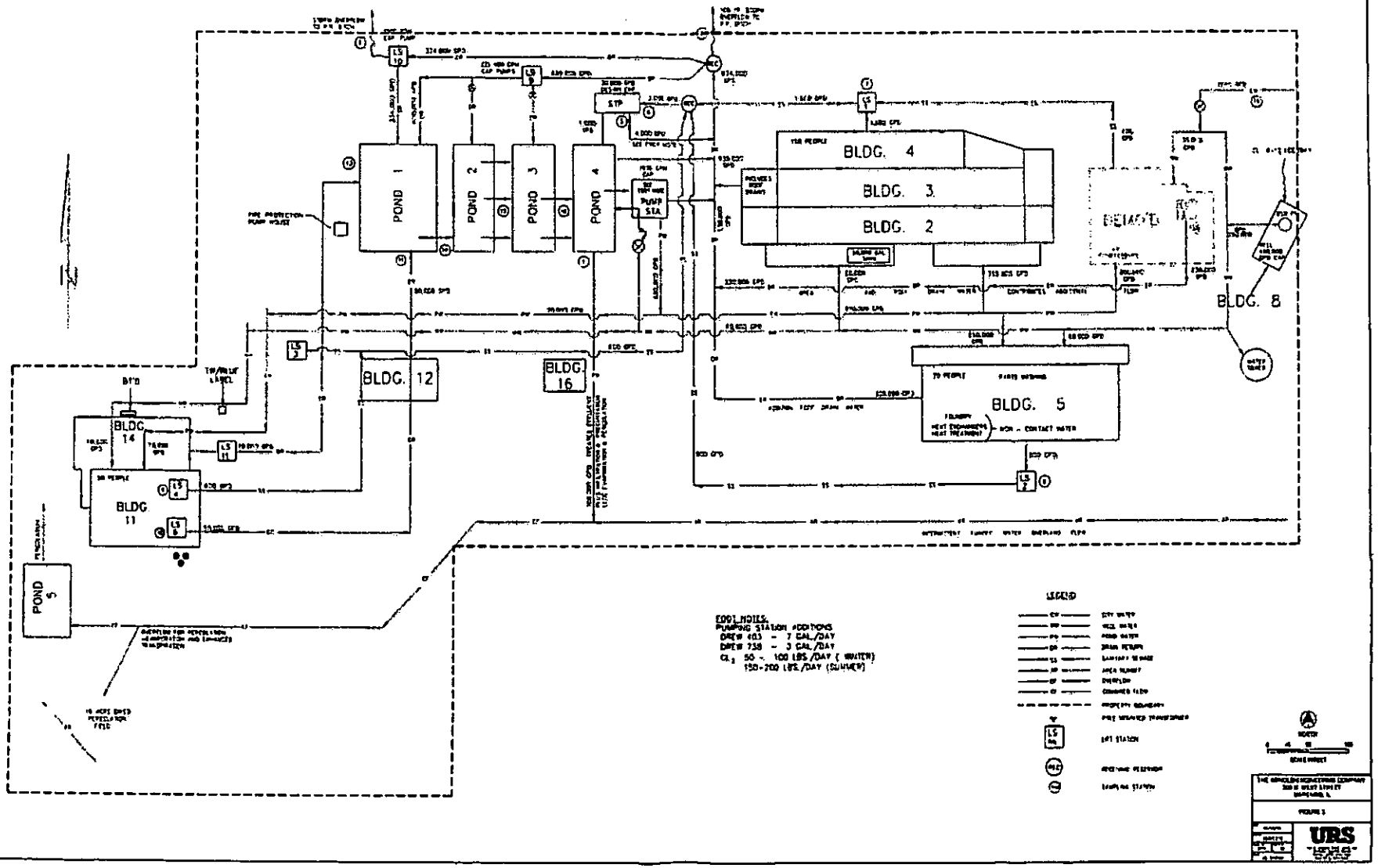
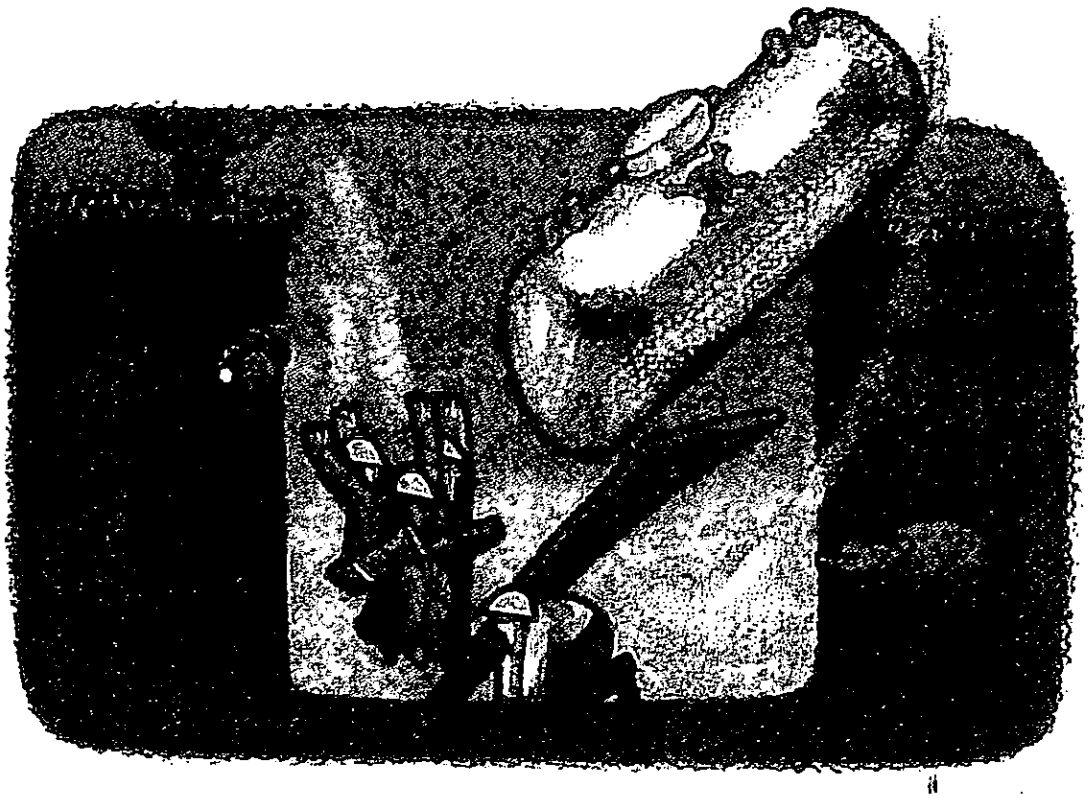
Appendix O

Water Recycle System Diagram

THE ARNOLD ENGINEERING WATER RECYCLE SYSTEM



APPENDIX H – EGSL 2010 PHASE II ESA REPORT



Phase II Subsurface Investigation Report

Subject Property
Arnold Technologies
300 West Street
Marengo, Illinois 60123

Prepared on Behalf Of:
Mr. John Daley
300 West LLC
2340 River Road – Suite 202
Des Plaines, Illinois 60018

July 15, 2010
EGSL Project Number: 805247

ENVIRONMENTAL GROUP SERVICES, LTD.

Phase II Subsurface Investigation Report

SUBJECT PROPERTY
Arnold Technologies
300 West Street
Marengo, Illinois 60123

Prepared By
ENVIRONMENTAL GROUP SERVICES, LTD.
557 WEST POLK STREET, SUITE 201
CHICAGO, ILLINOIS 60607

On Behalf of
Mr. John Daley
300 West LLC
2340 River Road – Suite 202
Des Plaines, Illinois 60018

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1 EXECUTIVE SUMMARY

Environmental Group Services, Ltd. (EGSL) completed a Phase II Subsurface Investigation at the property located at 300 West Street, Marengo, Illinois, hereinafter referred to as the "Subject Property". This investigation was performed in accordance with the regulations set forth in 35 IAC 740 (Site Remediation Program, (SRP)) and 35 IAC 742 (Tiered Approach to Corrective Action Objectives (TACO)), Tier 1, for Industrial/Commercial and Residential properties.

2 PHASE II SUBSURFACE SOIL INVESTIGATION ACTIVITIES

A Phase II Subsurface Investigation was conducted in order to assess the potential for the presence of chemicals of concern (COC) in the subsurface soil present at the site. The investigation was conducted in accordance with Part 740 (SRP) and the COC were chosen from the Target Compound List (TCL) indicator contaminants identified in Appendix A of Part 740.

2.1 Field Sampling Procedures

EGSL utilized a Geoprobe® 6610DT to advance a 5-foot soil sampler in order to retrieve continuous soil samples throughout the Subject Property (see Appendix A for boring locations). All soil samplers were lined with acetate tubes.

All soil samples were split into two parts: one to be placed into a sealed plastic bag for headspace analysis of volatile organic vapors and the other to be placed in laboratory supplied containers for potential analysis. The bagged samples were tested in the field with Photo-Ionization Detector (PID). The PID was used to screen each soil sample from each boring location for relative concentration of VOCs and does not provide separation of the contaminants into individual constituents. The utilization of this field-screening device provided immediate on-site data for use in the assessment of the site.

A total of 40 soil borings were advanced throughout the Subject Property. Forty-nine soil samples were submitted for analysis in order to analytically determine the presence and concentration of COC in the areas of concern (nine of the boring locations had two soil samples submitted). The sample locations, sampling date, depth, and the type of analysis requested of the samples are listed below:

Boring Number	Date Obtained	Depth of Sample Submitted for Analysis (feet)	TCL	VOCs	SVOCs	RCRA Metals (+pH)
GP-1	5/10/2010	6-8	X			
GP-2	5/10/2010	4-6		X		
GP-3	5/10/2010	4-6		X		
GP-4	5/10/2010	3-5		X	X	X

Boring Number	Date Obtained	Depth of Sample Submitted for Analysis (feet)	TCL	VOCs	SVOCs	RCRA Metals (+pH)
GP-5	5/10/2010	1-3		X	X	X
GP-6	5/10/2010	5-7		X		
GP-7	5/10/2010	4-6		X	X	X
GP-8	5/10/2010	2-4		X		
GP-9	5/10/2010	5-7	X			
GP-10	5/10/2010	2-4		X		
GP-11	5/10/2010	1-3		X		
GP-11	5/10/2010	5-7		X	X	X
GP-12	5/10/2010	3-5	X			
GP-13	5/10/2010	4-6		X		
GP-14	5/10/2010	3-5		X		
GP-15	5/10/2010	1-3		X	X	X
GP-15	5/10/2010	6-8		X		
GP-16	5/10/2010	2-4		X		
GP-17	5/10/2010	4-6	X			
GP-18	5/10/2010	5-7	X			
GP-19	5/10/2010	2-4		X	X	X
GP-20	5/10/2010	8.5-9.5		X	X	X
GP-21	5/10/2010	8-10		X	X	X
GP-22	5/10/2010	2-4		X		
GP-23	5/10/2010	5-7		X		
GP-24	5/10/2010	3-5		X	X	X
GP-25	5/10/2010	2-4		X	X	X
GP-26	5/10/2010	2-4		X	X	X
GP-27	5/11/2010	1-3	X			
GP-28	5/11/2010	1-3		X	X	X
GP-28	5/11/2010	7-9		X		
GP-29	5/11/2010	1-3		X		
GP-29	5/11/2010	8-10		X	X	X
GP-30	5/11/2010	1-3		X		
GP-30	5/11/2010	6-8		X	X	X
GP-31	5/11/2010	3-5	X			
GP-32	5/11/2010	1-3		X	X	X
GP-32	5/11/2010	5-7		X		
GP-33	5/11/2010	3-5	X			
GP-34	5/11/2010	5-6	X			
GP-35	5/11/2010	1-3		X	X	X
GP-35	5/11/2010	5-6		X		
GP-36	5/11/2010	3-5		X	X	X
GP-37	5/11/2010	1-3	X			
GP-38	5/11/2010	1-3	X			
GP-38	5/11/2010	5-7		X	X	X
GP-39	5/11/2010	2-4	X			
GP-40	5/11/2010	1-3		X	X	X
GP-40	5/11/2010	6-8		X		

The soil samples targeted for laboratory analysis of VOCs were packed into new 40-milliliter glass vials, pre-preserved in sodium bisulfate and methanol in accordance with EPA Method 5035. The soil samples collected for the remaining analysis were packed into one non-preserved 8-ounce wide-mouth jar with a Teflon-lined cap. STAT supplied all glass vials and jars. All soil

samples were stored on ice during soil sample collection activities and while being transported to STAT. Standard Chain-of-Custody procedures were followed to track the sample.

Cross-contamination during soil sampling was minimized by using an Alconox detergent wash and tap water rinse to decontaminate the sampling tools between each probe. Also, other sampling equipment and measurement tools were hand washed with an Alconox detergent wash and rinsed three times with distilled water between soil sample intervals. The tools were then placed on clean, decontaminated surfaces. Disposable latex gloves were worn during the collection of soil sampling events and were changed between each sample.

Additionally, a total of 16 groundwater monitoring wells were installed at the Subject Property. On May 3-5, 2010, *Earth Solutions, Inc.* installed two nests of four wells (eight total wells) in the northwestern portion of the Subject Property. On May 10-12, 2010, EGSL installed an additional eight wells throughout the Subject Property. The depth of the wells and screen intervals are as follows:

Well Number	Date Installed	Company	Well Depth (feet below ground surface)	Screen Interval (feet below ground surface)
MW-1	5/3/2010	Earth Solutions	50	40-50
MW-2	5/3/2010	Earth Solutions	40	30-40
MW-3	5/3/2010	Earth Solutions	30	20-30
MW-4	5/4/2010	Earth Solutions	20	10-20
MW-5	5/4/2010	Earth Solutions	50	40-50
MW-6	5/4/2010	Earth Solutions	40	30-40
MW-7	5/5/2010	Earth Solutions	30	20-30
MW-8	5/5/2010	Earth Solutions	20	10-20
MW-9	5/10/2010	EGSL	20	10-20
MW-10	5/10/2010	EGSL	20	10-20
MW-11	5/10/2010	EGSL	20	10-20
MW-12	5/10/2010	EGSL	20	10-20
MW-13	5/10/2010	EGSL	20	10-20
MW-14	5/10/2010	EGSL	20	10-20
MW-15	5/10/2010	EGSL	20	10-20
MW-16	5/10/2010	EGSL	20	10-20

All groundwater samples were submitted for Target Compound List indicator contaminants.

3 PHASE II SUBSURFACE SOIL INVESTIGATION RESULTS

The following section presents the physical and chemical results of the Phase II investigation, which include a description of the site subsurface and regional geology and the chemical findings in the soil samples submitted to the laboratory.

3.1 Physical Findings

The subsurface geology of the boring locations generally consisted of sand or sandy silt throughout the majority of the Subject Property (See Appendix B for complete boring logs).

3.2 Chemical Results

The analytical test results of the soil and groundwater samples were compared to the Soil Remediation Objectives (SROs) derived from the Illinois Environmental Protection Agency (IEPA) "adopted" IAC 742, Tiered Approach to Corrective Action Objectives (TACO), Tier I for Industrial/Commercial and Residential properties and for Soil Component of the Groundwater Ingestion Route (SCGIR) Class I Groundwater. Analytical results indicate that the following chemicals of concern were detected above IEPA Tier 1 Remediation Objectives (see Appendix C for complete analytical data):

Soil

Chemical	Sample Number (Depth)	Concentration Detected (mg/Kg)	Remediation Objective (mg/Kg)	Exposure Route
PCB				
Aroclor 1242	GP-17 (4-6)	1.7	1.0 1.0 1.0	Residential Ingestion Construction Worker Ingestion Industrial/Commercial Ingestion
INORGANIC				
Chromium	GP-9 (5-7)	150	28	pH Specific SCGIR Class I
Iron	GP-9 (5-7) GP-34 (5-6)	200,000 76,000	55,000 140,000	Residential Ingestion Construction Worker Ingestion
Manganese	GP-34 (5-6)	26,000	1,600 4,100 8,700	Residential Ingestion Construction Worker Ingestion Construction Worker Inhalation
TCLP INORGANIC (units in mg/L)				
Cadmium	GP-34 (5-6)	0.0099	0.005	SCGIR Class I Groundwater
Lead	GP-34 (5-6)	0.015	0.0075	SCGIR Class I Groundwater
Manganese	GP-34 (5-6) GP-38 (1-3)	85 0.19	0.15	SCGIR Class I Groundwater
Nickel	GP-34 (5-6)	0.24	0.1	SCGIR Class I Groundwater
Zinc	GP-34 (5-6)	210	5.0	SCGIR Class I Groundwater
VOC				
1,1,1-Trichloroethane	GP-34 (5-6) GP-35 (5-6)	200 2.7	2.0	SCGIR Class I Groundwater

Chemical	Sample Number (Depth)	Concentration Detected (mg/Kg)	Remediation Objective (mg/Kg)	Exposure Route
1,1-Dichloroehene	GP-34 (5-6)	0.94	0.06	SCGIR Class I Groundwater
Tetrachloroethene	GP-34 (5-6)	0.28	0.06	SCGIR Class I Groundwater

Groundwater

Chemical	Monitoring Well Number	Concentration Detected (mg/L)	Remediation Objective (mg/L)	Exposure Route
INORGANIC				
Aluminum	MW-3	8.1	3.5	Class I Groundwater
	MW-4	4.8		
	MW-8	35		
	MW-9	30		
	MW-10	12		
	MW-11	7.2		
	MW-12	23		
	MW-13	44		
	MW-15	6.9		
	MW-16	5.3		
Antimony	MW-2	0.0069	0.0060	Class I Groundwater
	MW-8	0.0085		
Arsenic	MW-8	0.28	0.05	Class I Groundwater
Barium	MW-3	2.7	2.0	Class I Groundwater
	MW-8	2.4		
Chromium	MW-8	0.12	0.1	Class I Groundwater
	MW-13	0.16		
Iron	MW-2	11	5.0	Class I Groundwater
	MW-3	29		
	MW-4	26		
	MW-7	18		
	MW-8	360		
	MW-9	120		
	MW-10	41		
	MW-11	11		
	MW-12	39		
	MW-13	110		
	MW-15	13		
	MW-16	11		
Lead	MW-2	0.016	0.0075	Class I Groundwater
	MW-3	0.073		
	MW-4	0.036		
	MW-6	0.0085		
	MW-8	0.13		
	MW-9	0.17		
	MW-10	0.11		
	MW-11	0.014		
	MW-12	0.041		
	MW-13	0.099		
	MW-15	0.013		
	MW-16	0.0085		

Chemical	Monitoring Well Number	Concentration Detected (mg/L)	Remediation Objective (mg/L)	Exposure Route
Manganese	MW-1	0.27	0.15	Class I Groundwater
	MW-2	0.5		
	MW-3	1.2		
	MW-4	0.75		
	MW-5	0.24		
	MW-6	0.26		
	MW-7	2		
	MW-8	31		
	MW-9	6.3		
	MW-10	2.8		
	MW-11	0.62		
	MW-12	2.5		
	MW-13	2.3		
	MW-14	0.19		
	MW-15	0.63		
	MW-16	0.58		
Nickel	MW-8	0.32	0.1	Class I Groundwater
	MW-9	0.83		
	MW-13	0.13		
	MW-15	0.36		
Thallium	MW-8	0.0062	0.002	Class I Groundwater
Vanadium	MW-8	0.27	0.049	Class I Groundwater
	MW-9	0.12		
	MW-12	0.055		
	MW-13	0.13		
SVOC				
Bis(2-ethylhexyl)phthalate	MW-1	0.011	0.006	Class I Groundwater
VOC				
1,1,1-Trichloroethane	MW-4	0.3	0.2	Class I Groundwater
1,1-Dichloroehene	MW-1	0.017	0.007	Class I Groundwater
	MW-2	0.044		
	MW-4	0.036		
	MW-5	0.013		
	MW-6	0.012		
	MW-7	0.031		
	MW-13	0.012		
Tetrachloroethene	MW-4	0.014	0.005	Class I Groundwater
	MW-7	0.12		
	MW-8	0.01		
Trichloroethene	MW-6	0.01	0.005	Class I Groundwater
	MW-7	0.0078		

See Appendix C for GP-1 through GP-26 Soil Analytical Data
See Appendix D for GP-27 through GP-40 Soil Analytical Data
See Appendix E for MW-1 through MW-8 Groundwater Analytical Data
See Appendix F for MW-9 through MW-16 Groundwater Analytical Data

4 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

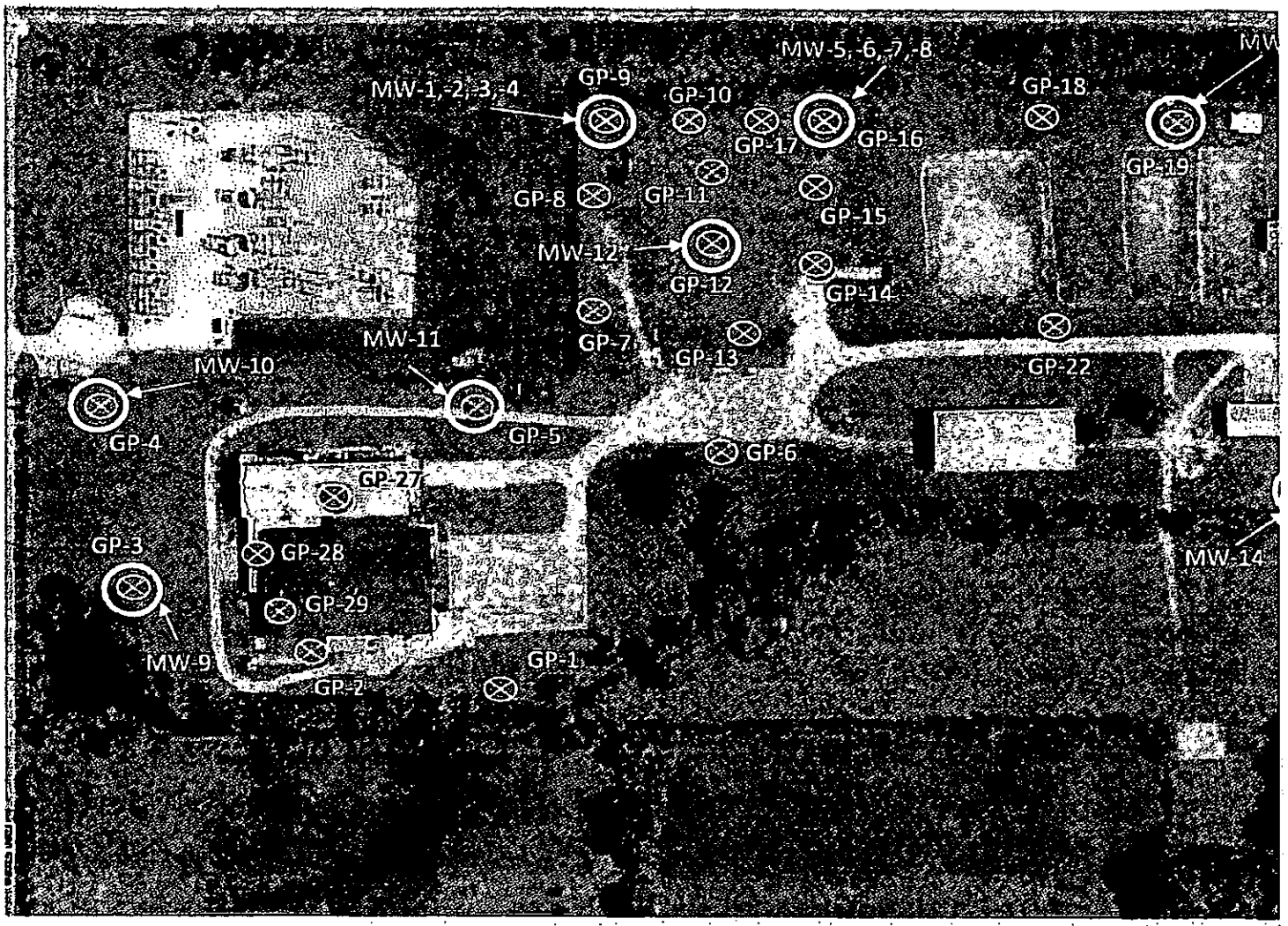
This report pertains to the property located at 300 West Street, Marengo, Illinois. Our professional services have been performed using the degree of care and skill ordinarily exercised under similar circumstances by environmental professionals practicing in this field. The representations made in this report are accurate and true to the best knowledge of the undersigned.

Sincerely,

ENVIRONMENTAL GROUP SERVICES, LIMITED

Bill Lennon
Project Manager

Vahooman Mirkhaef
President

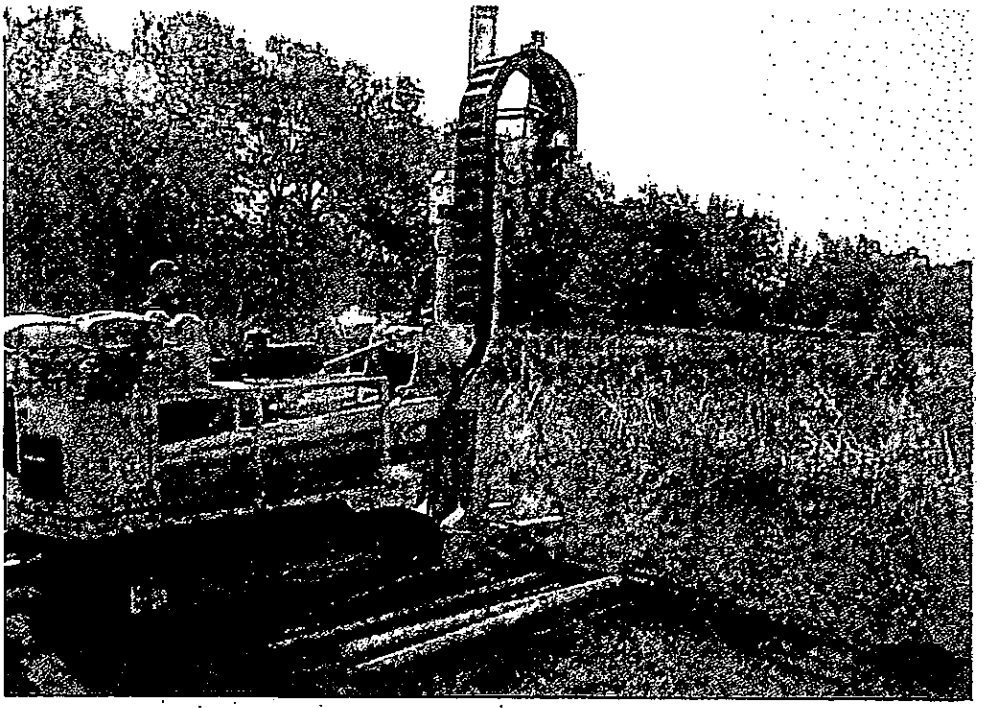


= Soil Boring

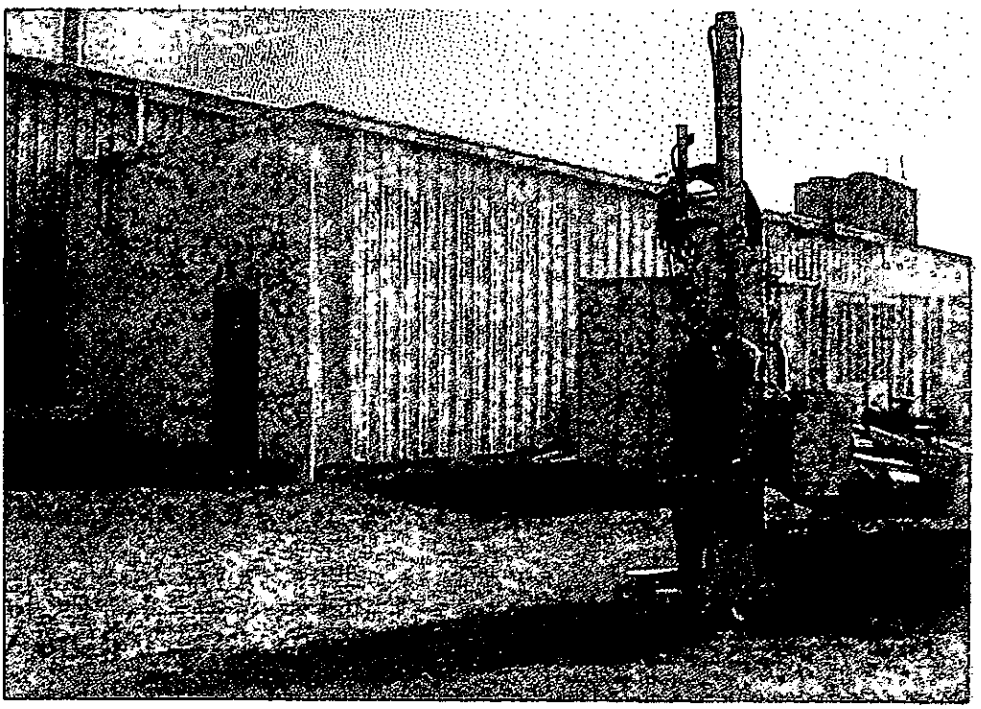
= Well

Appendix A

Soil Boring Locations



GP-1



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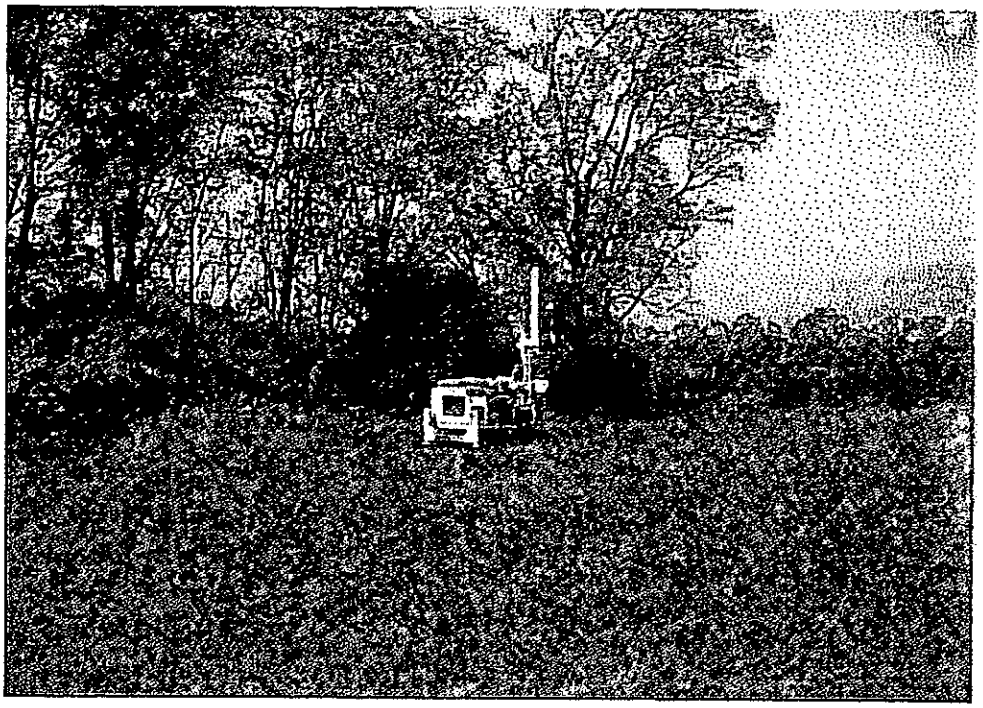
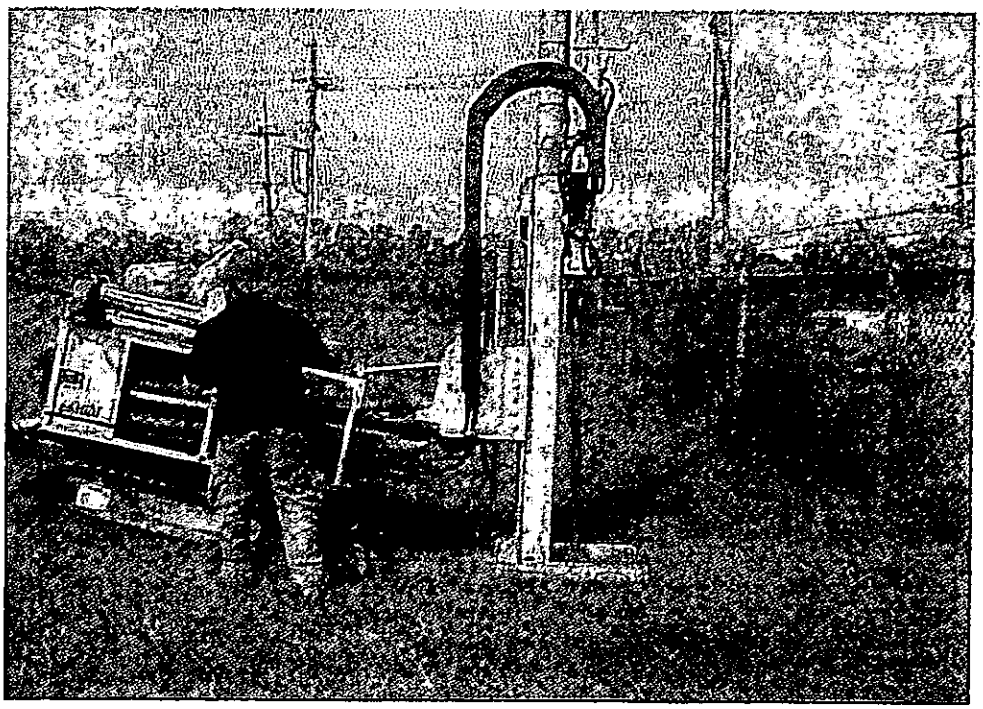
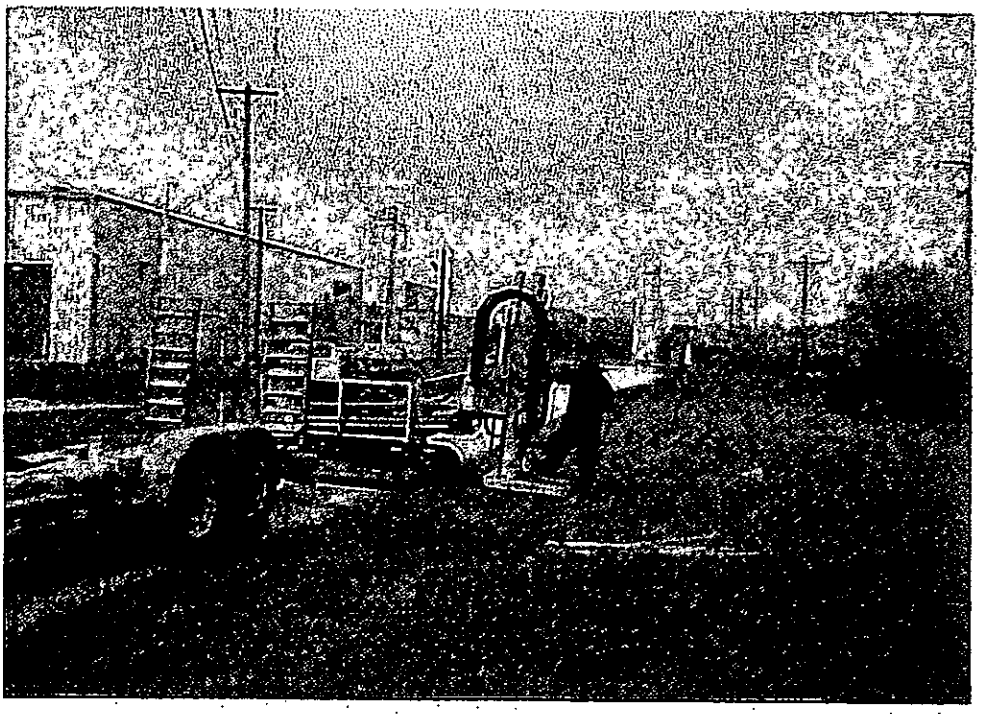


GP-3/MW-9



GP-4/MW-10



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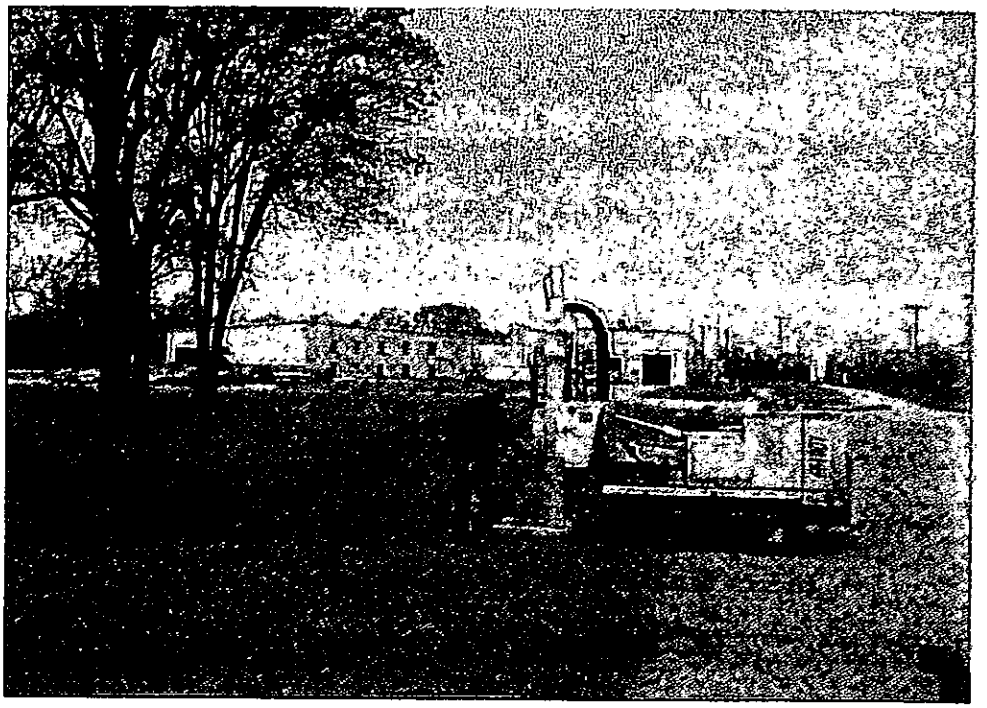

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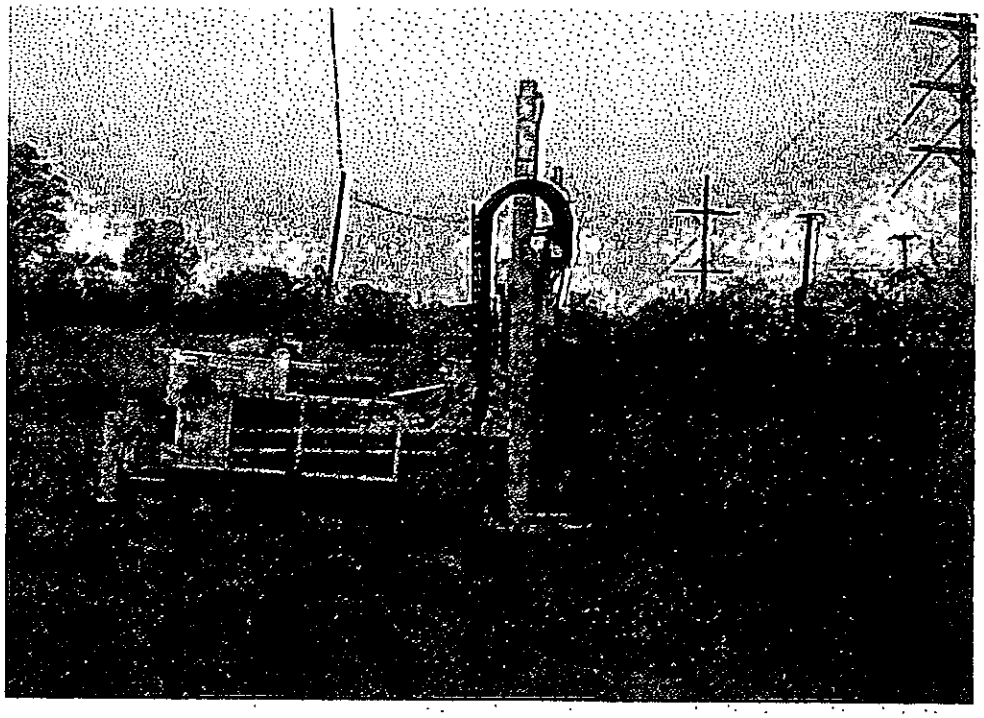

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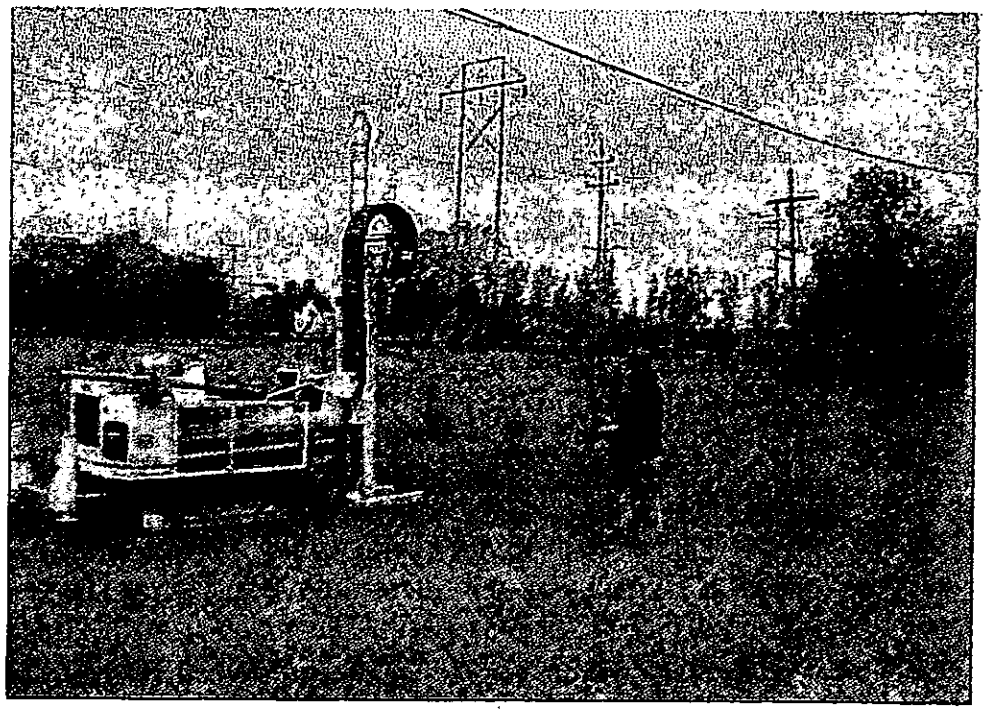

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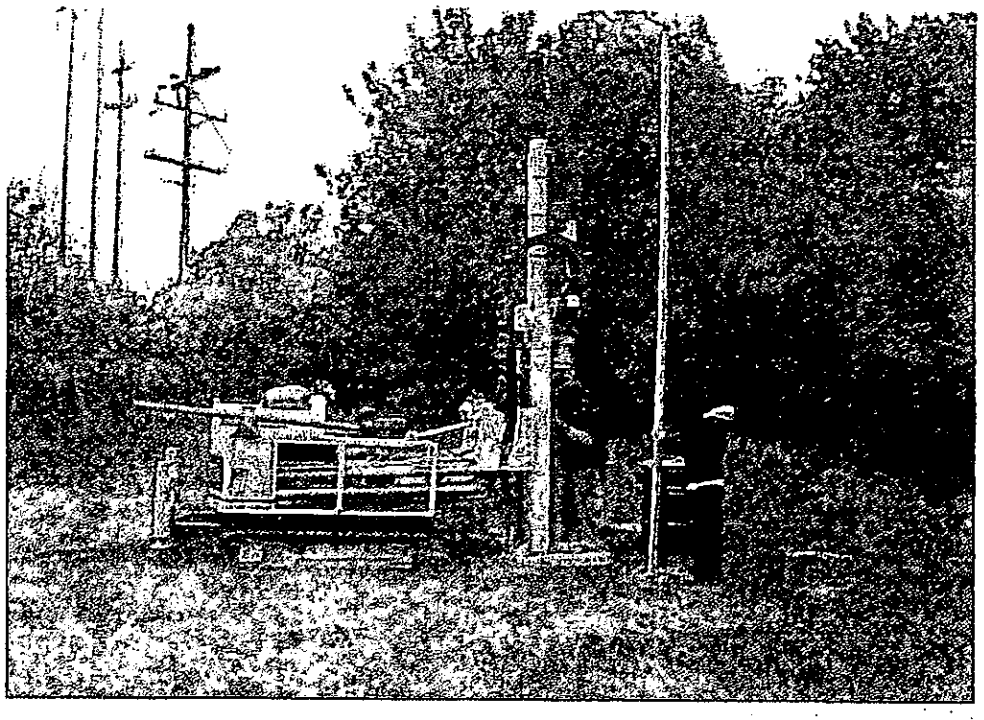

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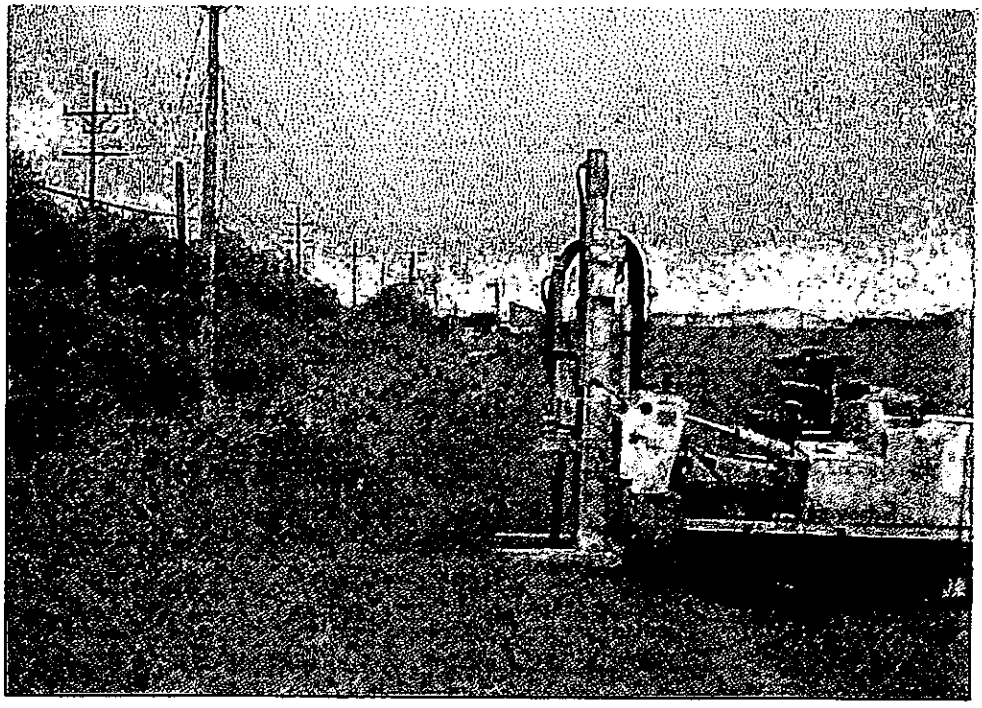

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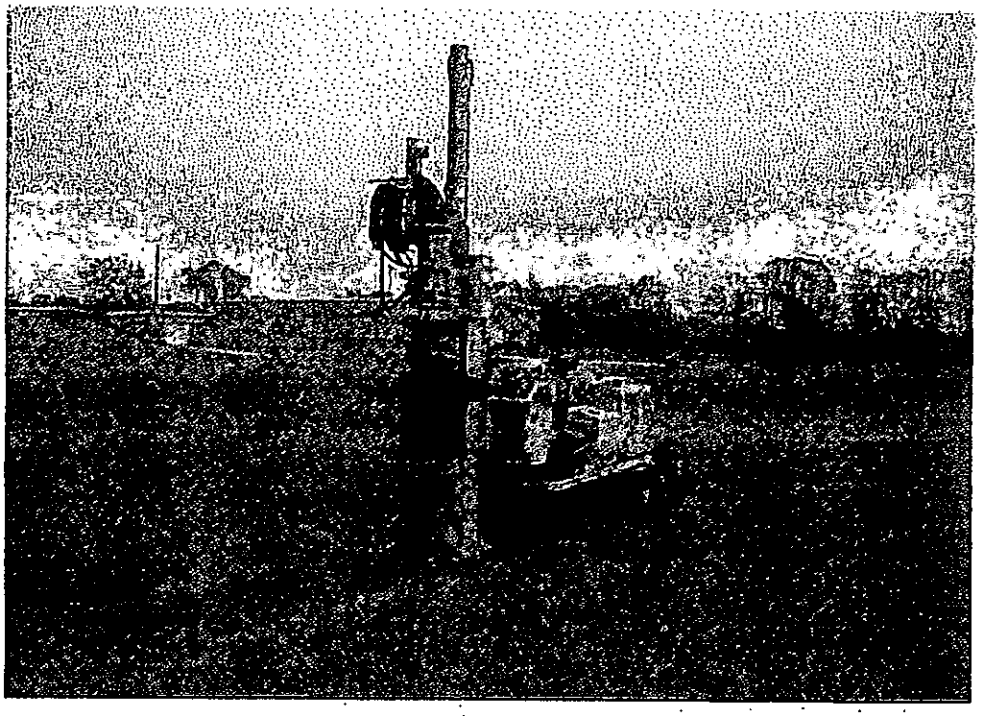

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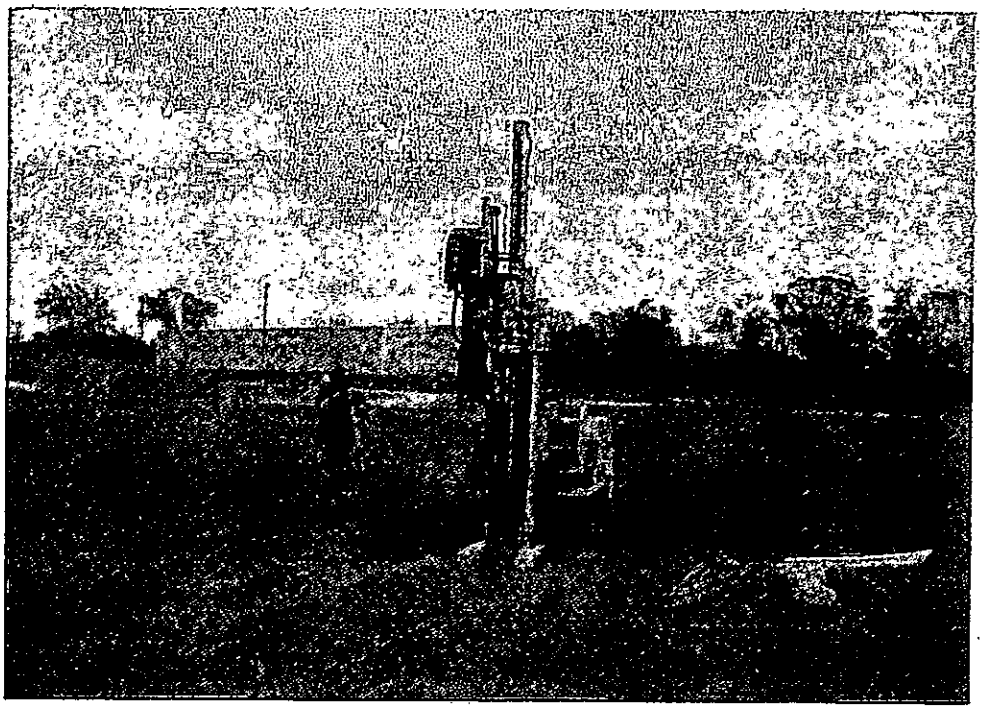

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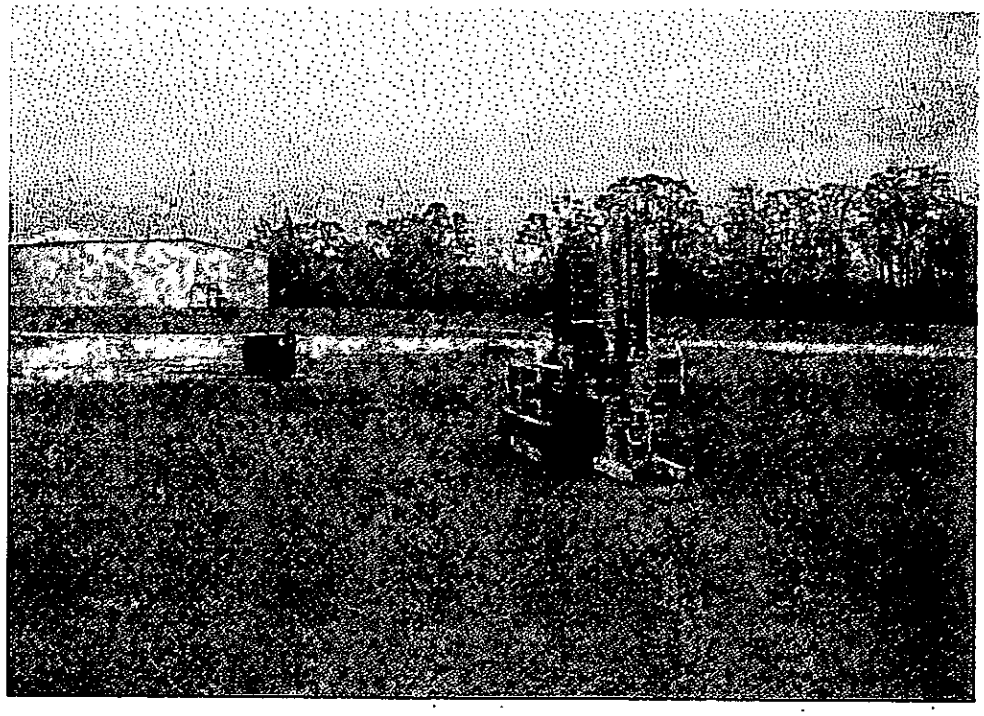

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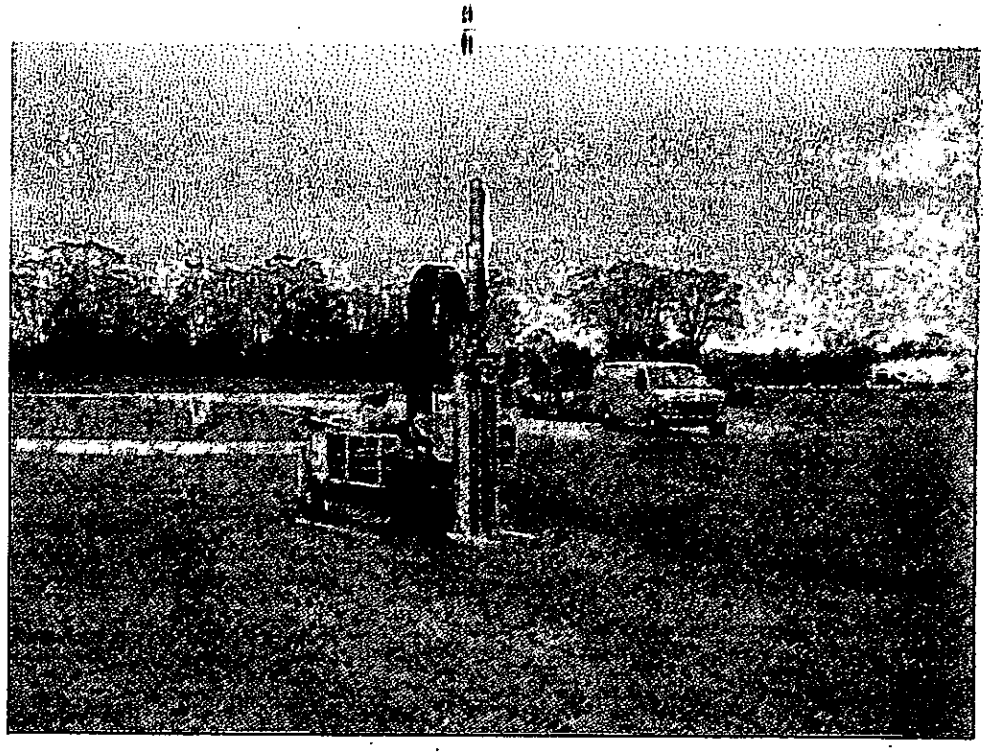

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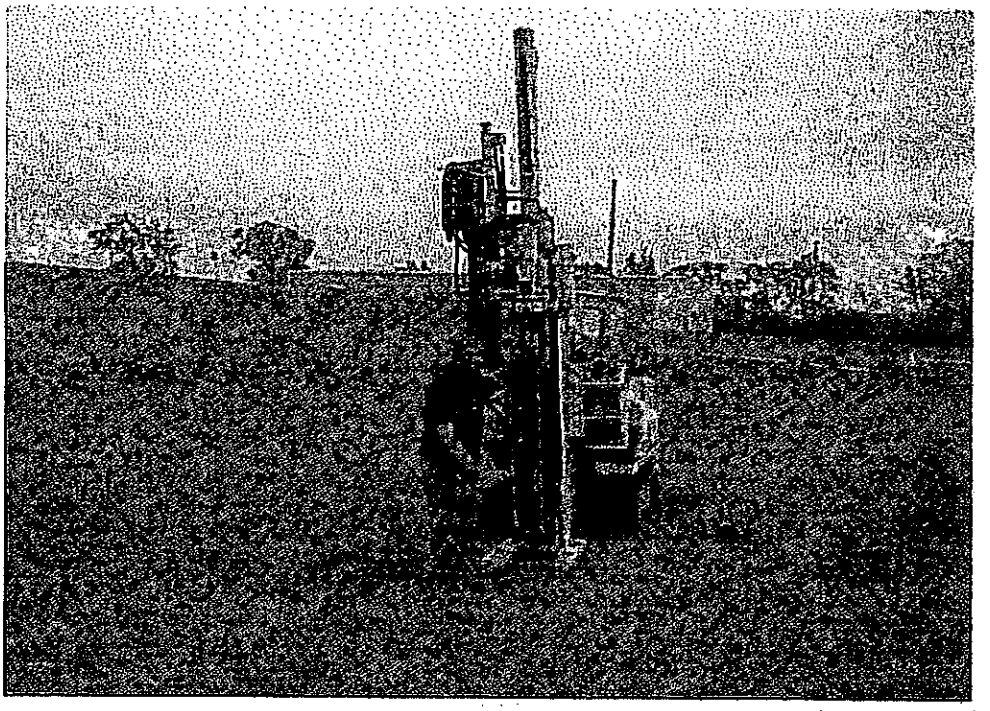

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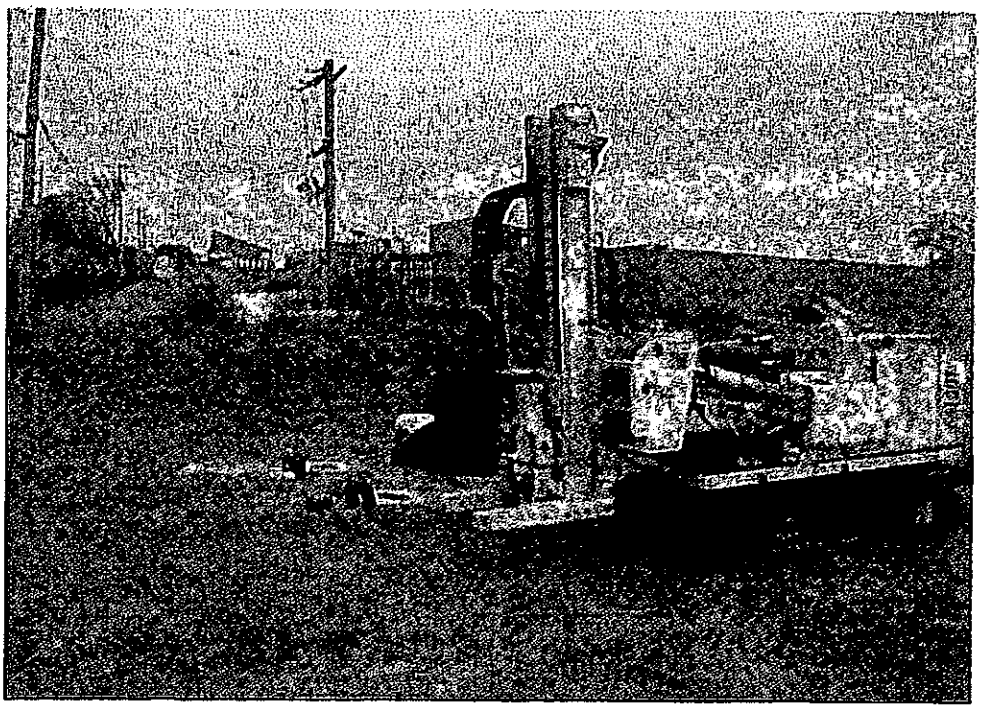
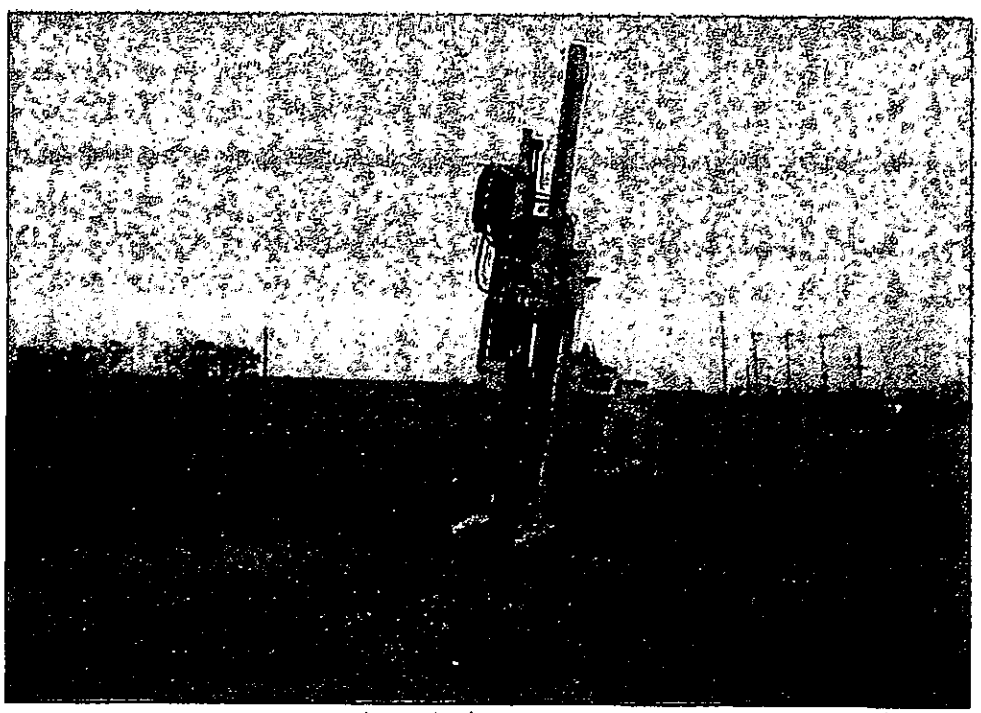


GP-16

GP-17



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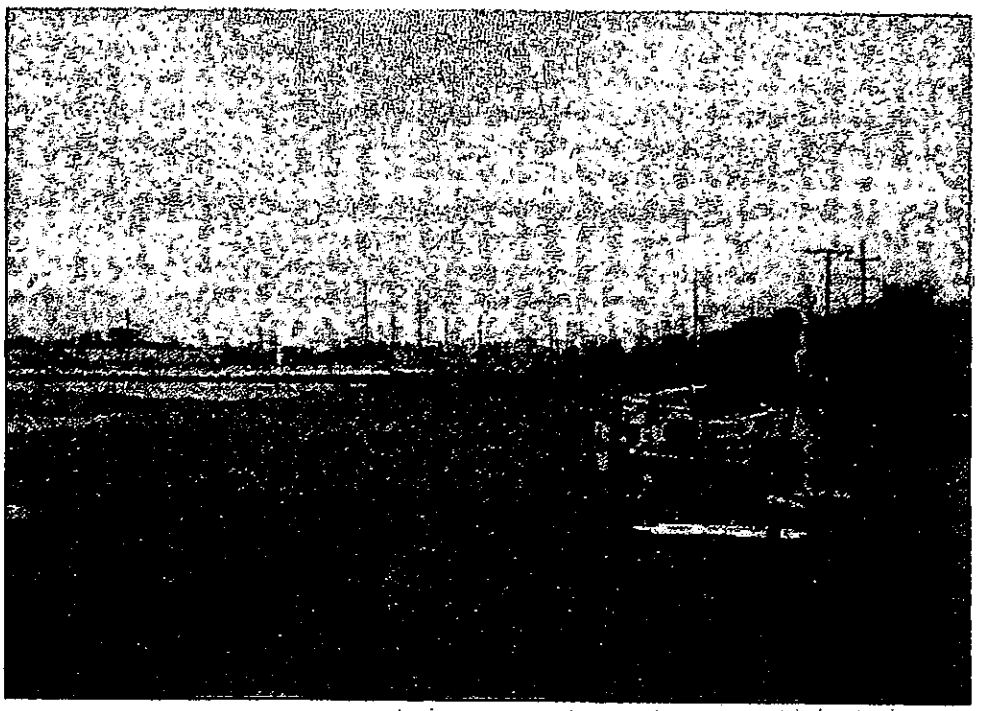

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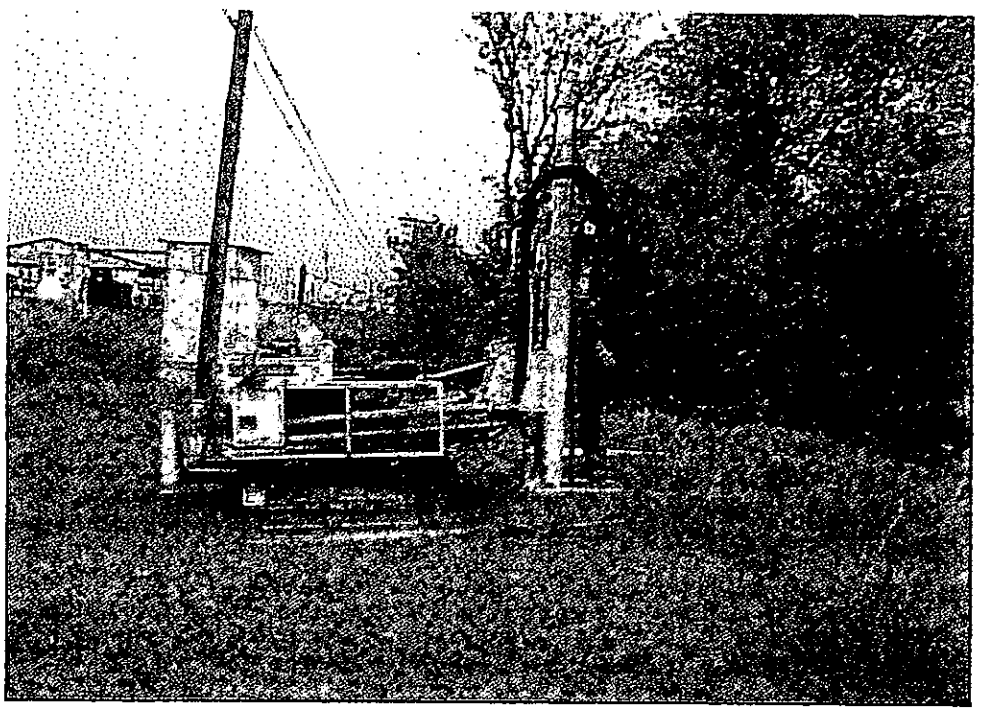

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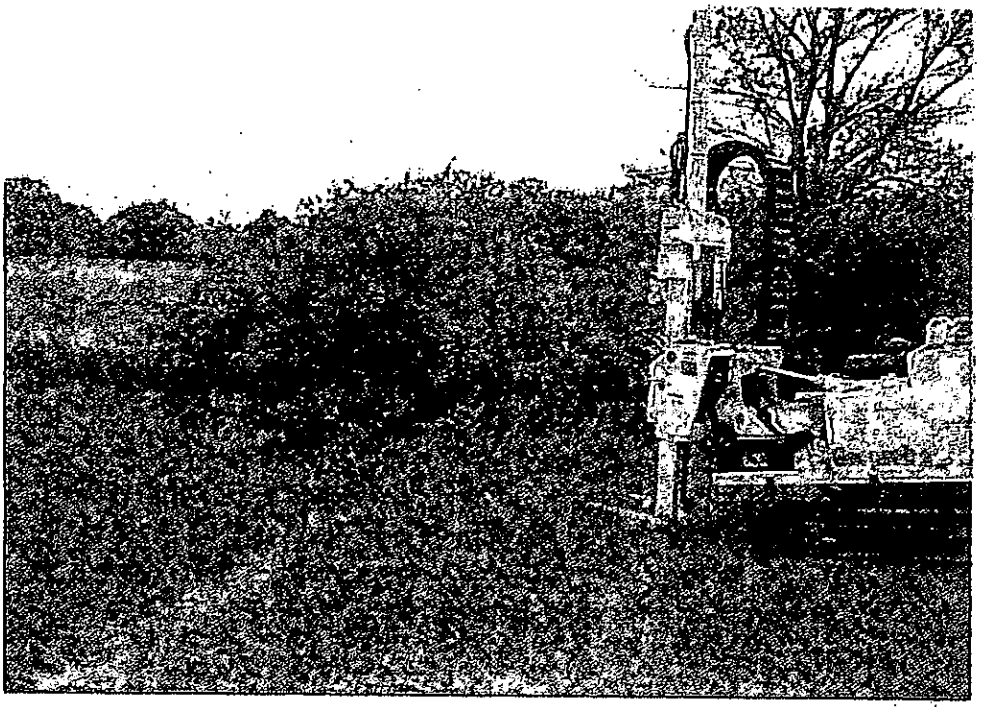

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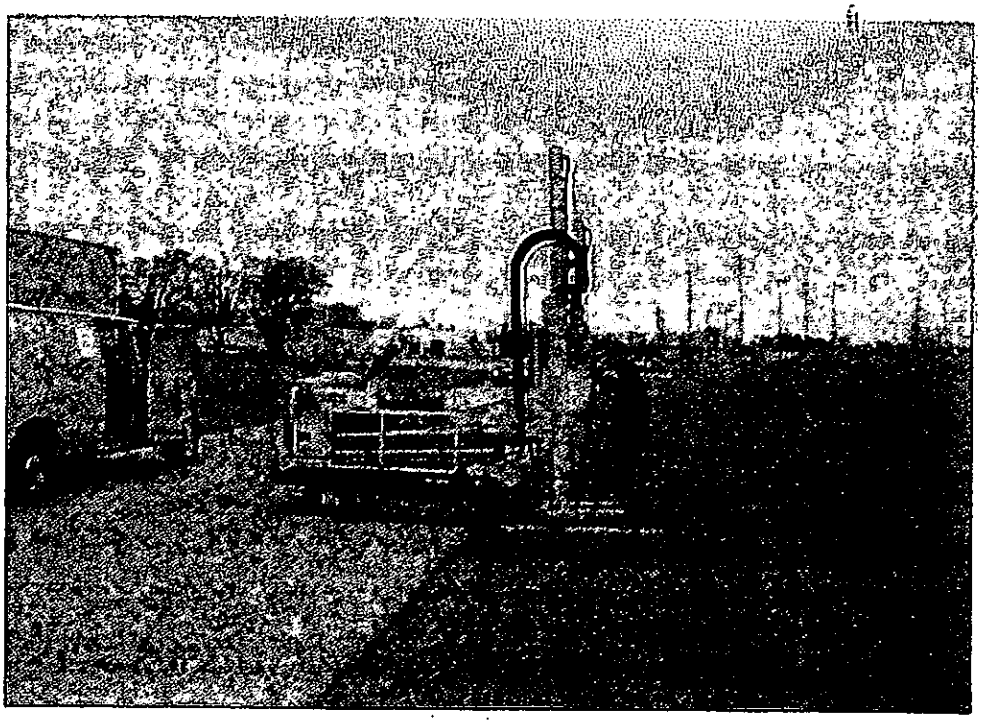

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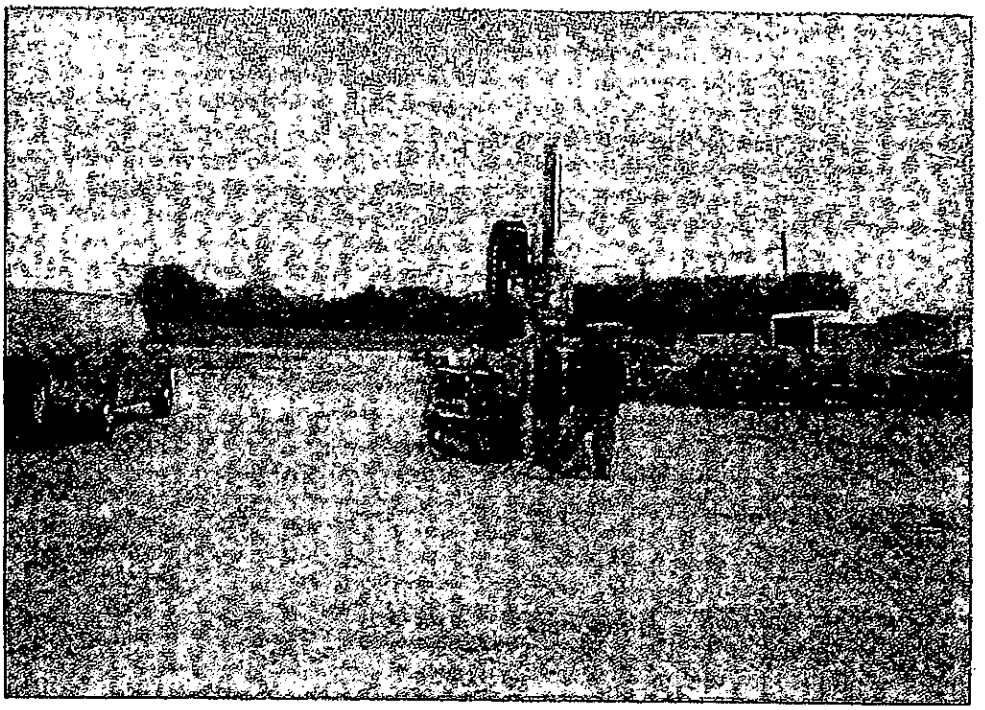

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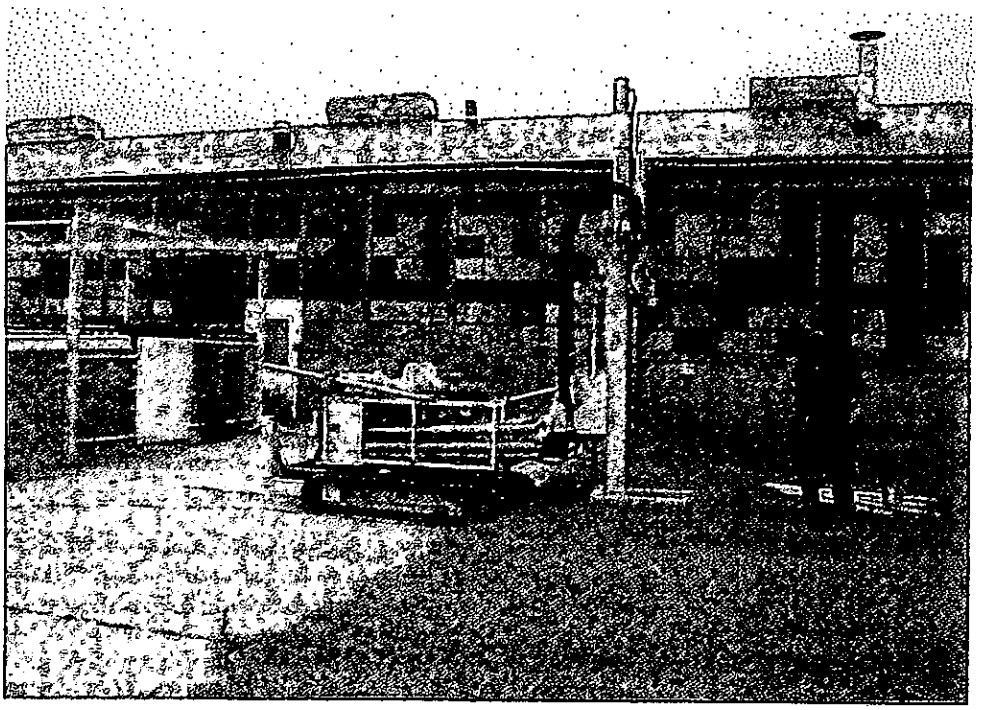

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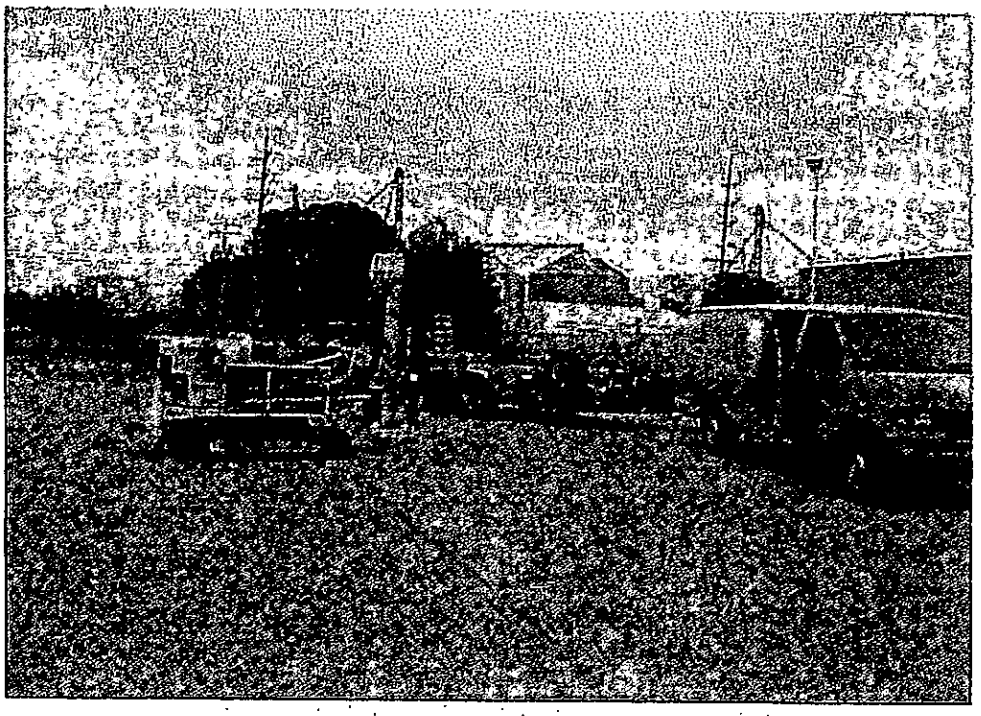

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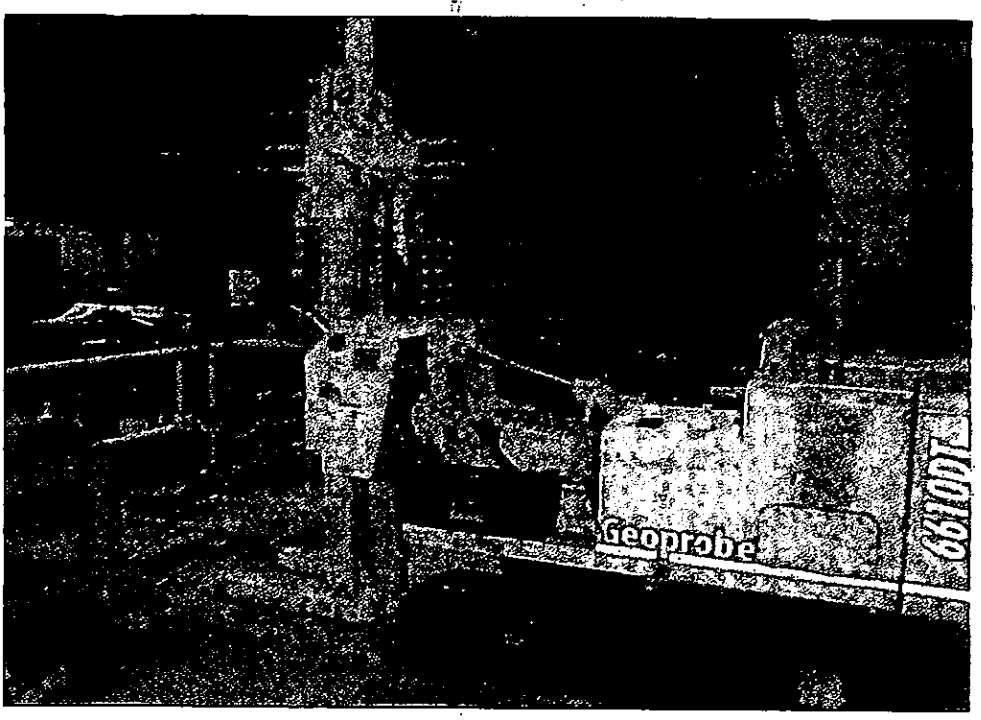
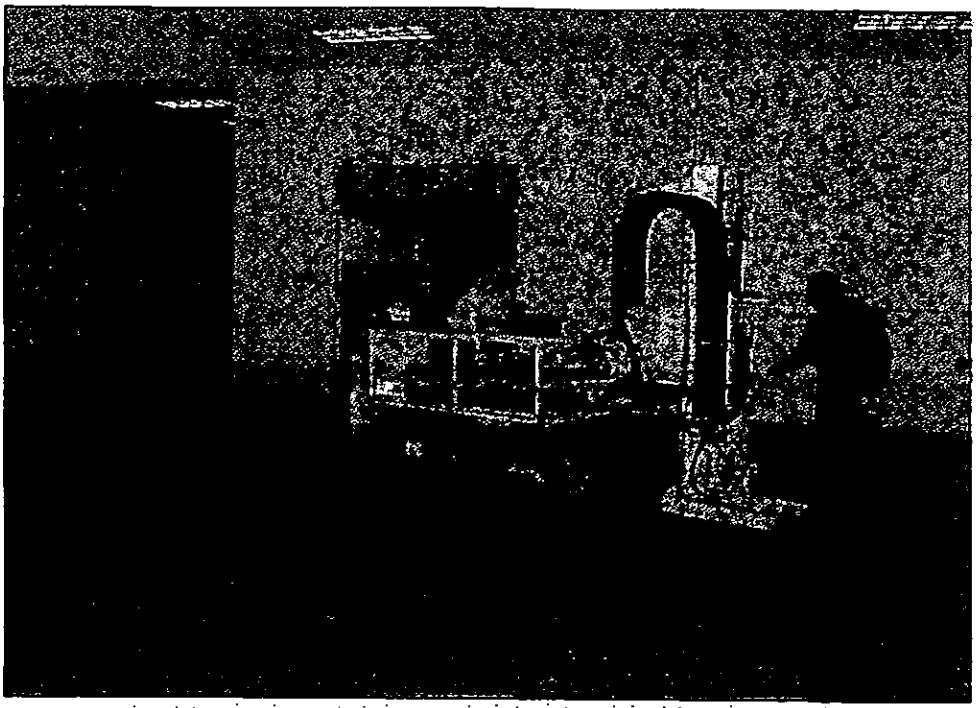


GP-27

GP-28

GP-29



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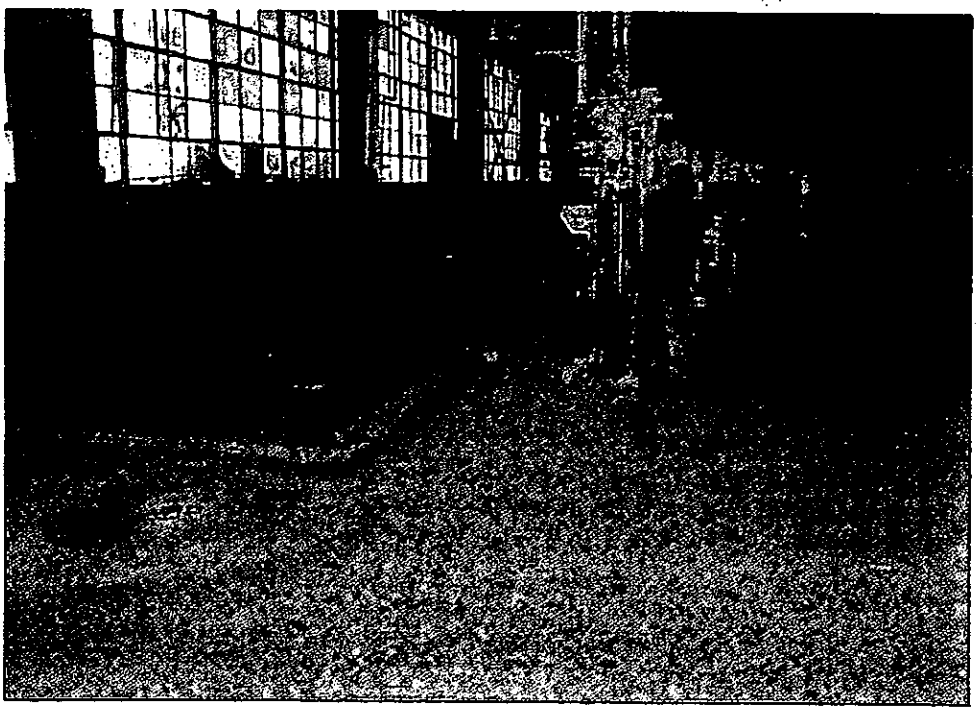

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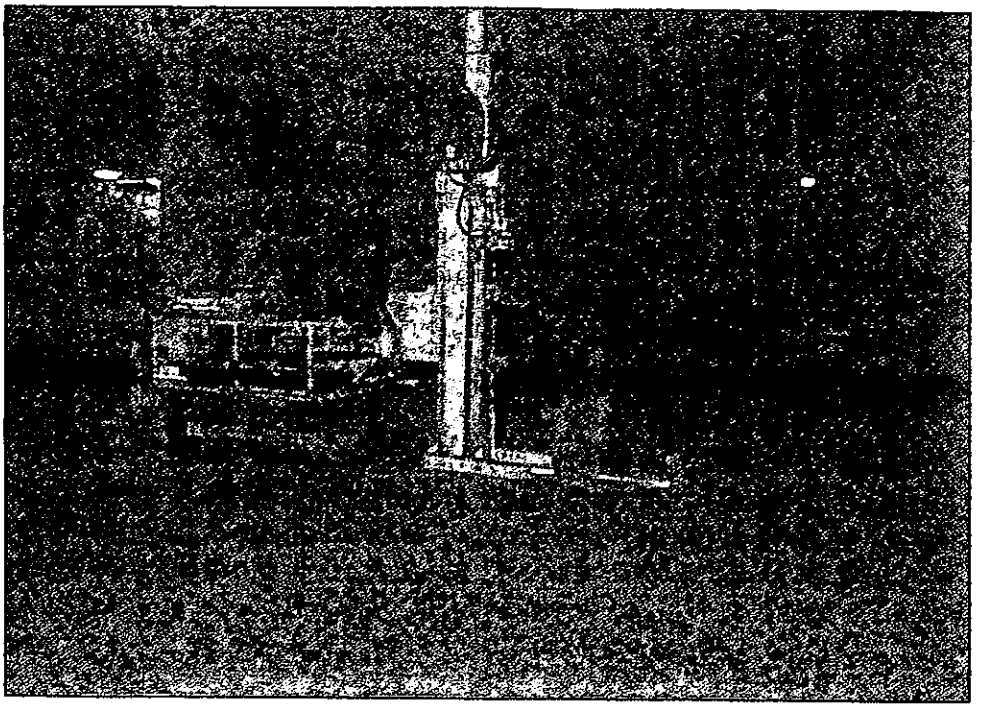

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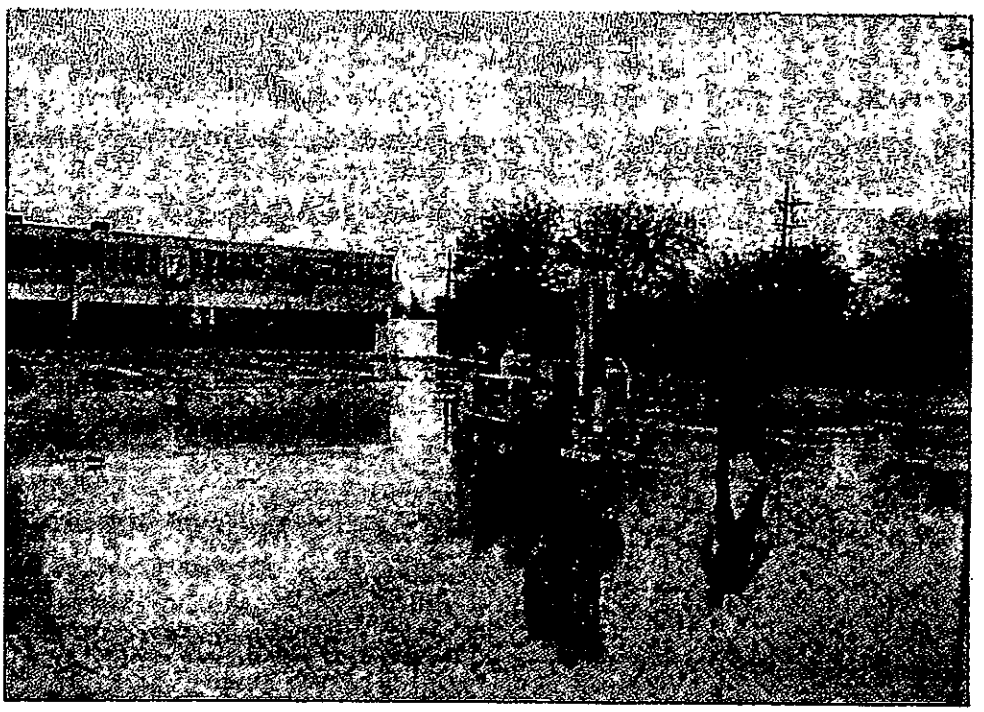

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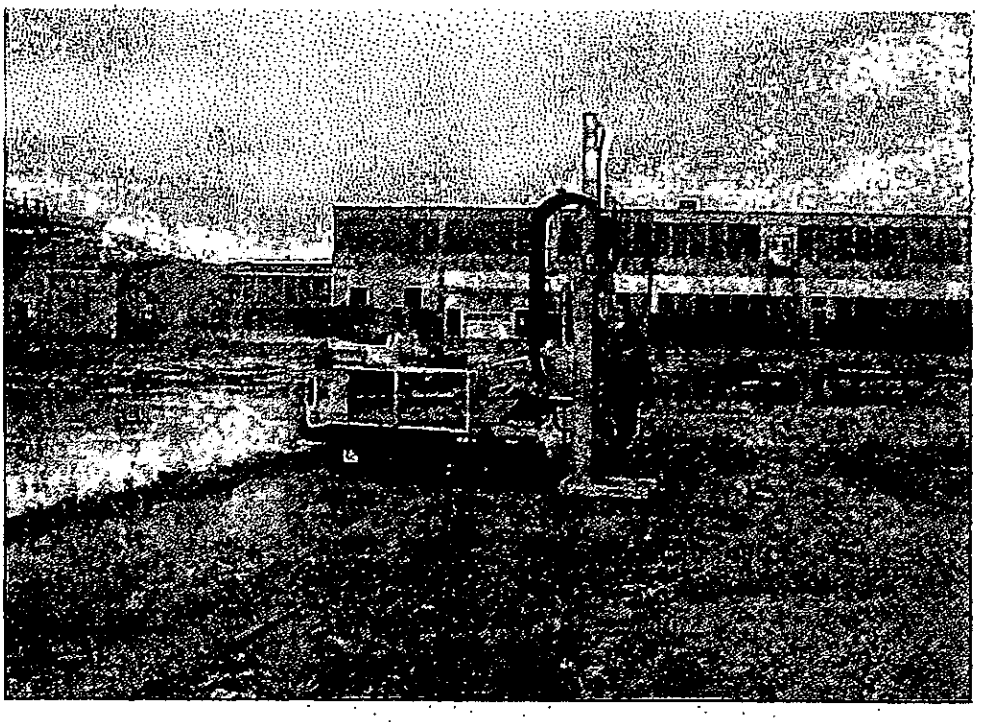

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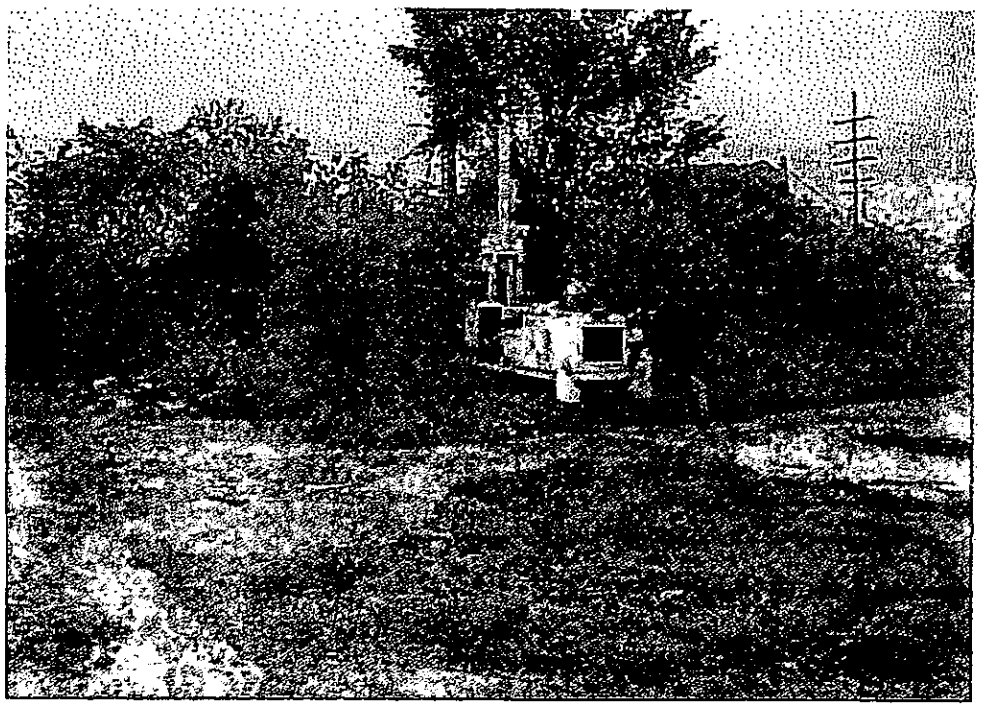

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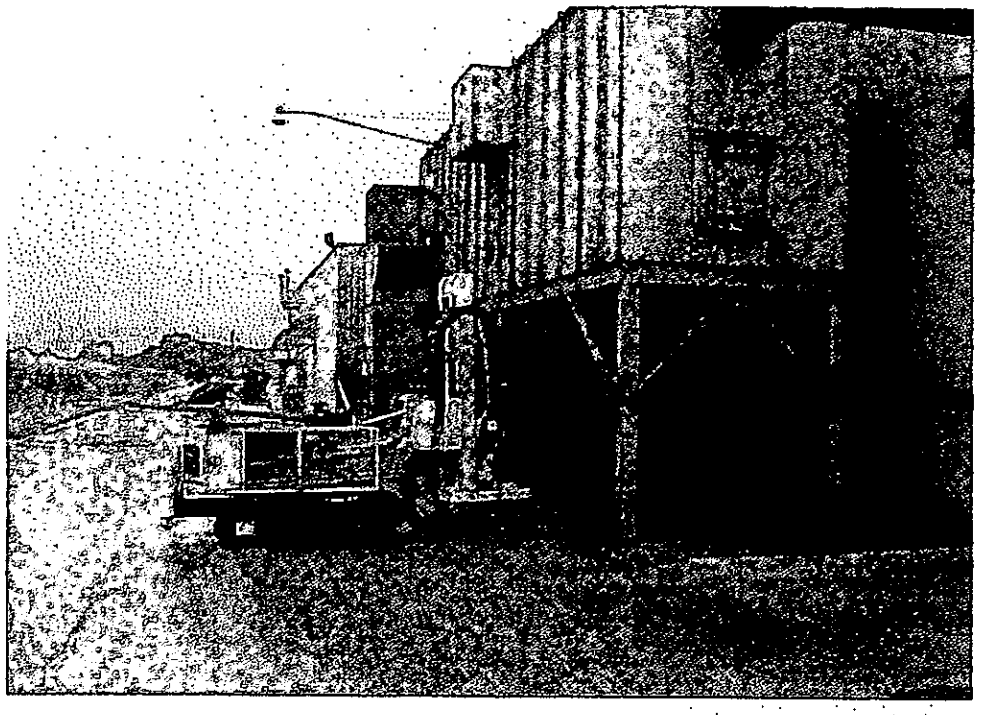

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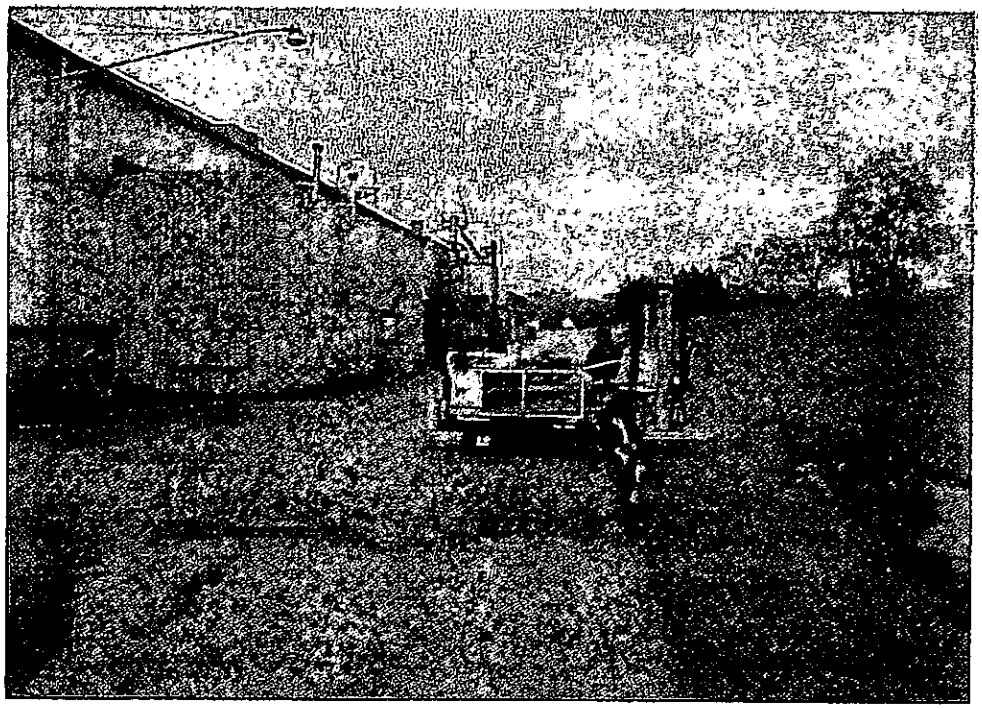

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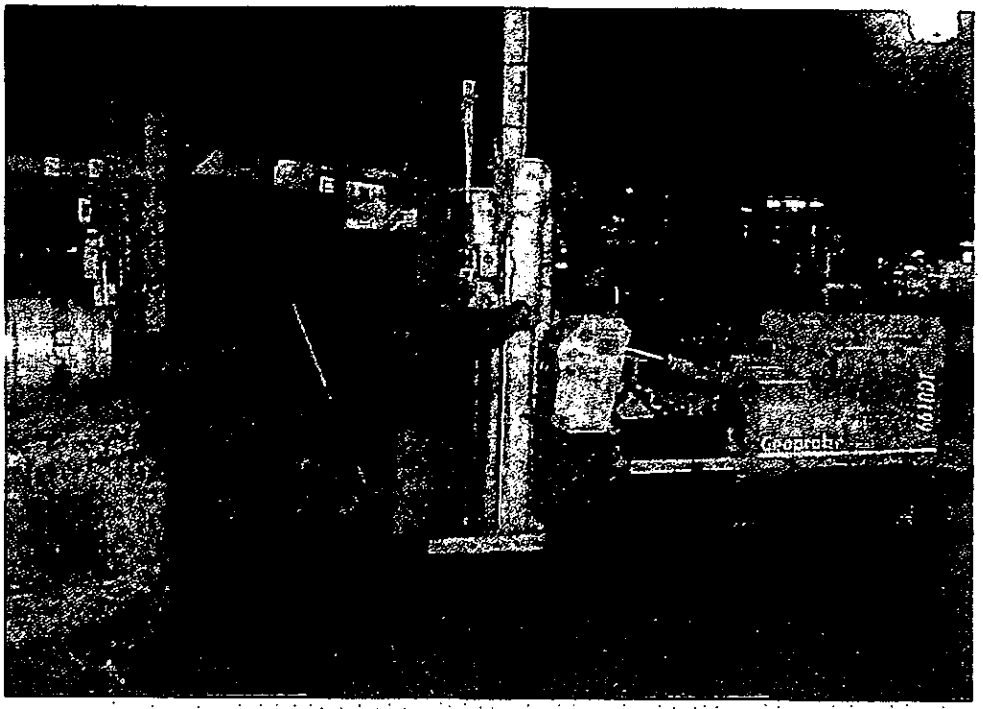

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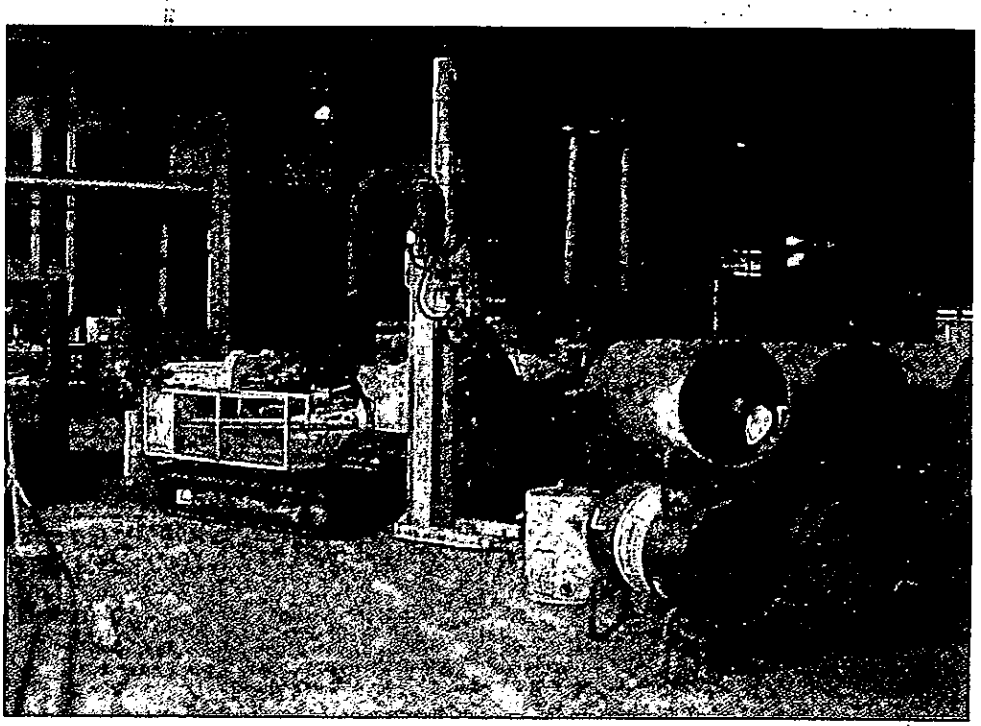
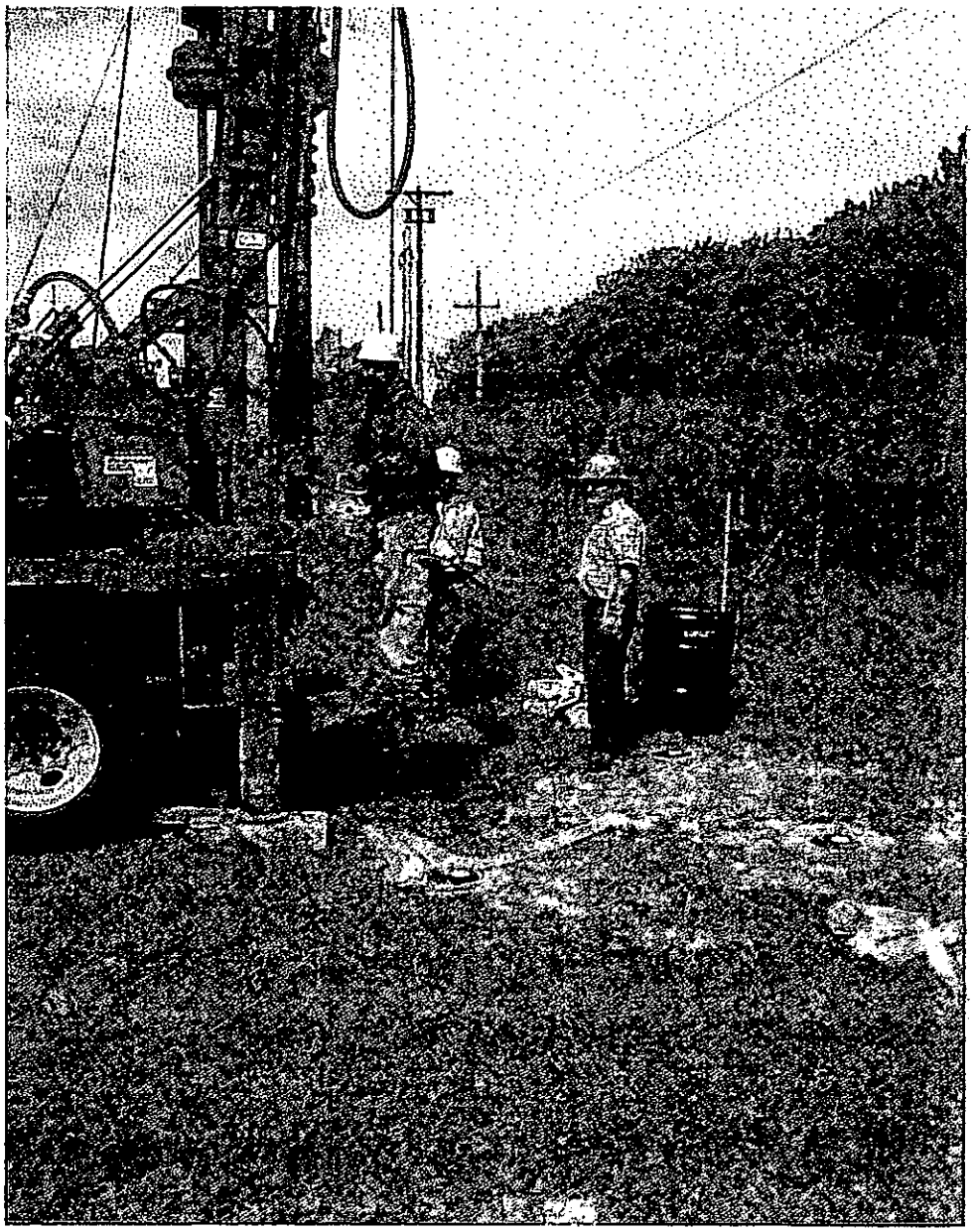


GP-39

GP-40

Installation of MW-1 through MW-4



Installation of MW-5 through MW-8

Appendix B

Soil Boring Logs

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-1
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	Black moist organic soil			
		2.0'	Brown moist fine grain sand	0.0		
1	95	3.0'		0.0		
		4.0'				
		5.0'		0.0		
		6.0'	Black moist soil containing fine grain sand			
		7.0'		0.0		6-8'
2	65	8.0'				
		9.0'	Grey Brown moist clay with traces of medium grain sand	0.0		
		10.0'	Grey Brown moist F/M grain sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 9'
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-2
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	Black damp organic soil			
1	95	3.0'		0.0		
		4.0'				
		5.0'		0.0		4-6'
		6.0'				
		7.0'	Dark Brown moist soil containing very fine grain sand	0.0		
2	70	8.0'				
		9.0'		0.0		
		10.0'	Light Brown yellow moist fine-medium grain sand with traces of gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 8.5'
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-3
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	Black damp soil			
1	95	3.0'		0.0		
		4.0'	Black damp smooth clay			
		5.0'		0.0		4-6'
		6.0'				
		7.0'		0.0		
2	90	8.0'	Dark Brown damp- moist sandy silt			
		9.0'		0.0		
		10.0'	Grey Brown moist fine grain sand with traces of gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-4
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'				
1	60	3.0'	2.0' Black damp soil	0.0		3-5'
		4.0'				
		5.0'		0.0		
		6.0'				
2	70	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	10.0' Brown/yellow moist fine-medium grain sand. Gradually moves in color from brown/yellow to tan/grey			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-5
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	Black damp soil			
			1.5'	0.0		
		2.0'				
1	75	3.0'	3.5' Brown yellow damp fine to medium grain sand	0.0		1-3'
		4.0'				
		5.0'		0.0		
			6.0' Black damp-moist soil			
		6.0'				
		7.0'		0.0		
2	90		8.0' Brown moist-wet sand			
		8.0'				
		9.0'		0.0		
			Brown Moist Silty Clay			
		10.0'	10.0'			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 7.5 Rig Type Geoprobe 6610DT

Boring Depth 10' Driller B. Lennon

Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-6
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	2.0' Black damp soil			
1	45	3.0'		0.0		
		4.0'				
		5.0'	5.0' Yellowish fine grain sand	0.0		
		6.0'				5-7'
2	75	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	10.0' Yellowish Moist Silt			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-7
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Black damp soil	0.0		
1	80	2.0'				
		3.0'		0.0		
			4.0' Black damp sandy soil			
		4.0'				
		5.0'		0.0		4-6'
		6.0'				
2	65	7.0'		0.0		
		8.0'				
			9.0' Brown Yellow fine-medium grain sand	0.0		
		9.0'	10.0' Moist Gravel and Sand			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 9.5 Rig Type Geoprobe 6610DT
Boring Depth 10' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-8
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	2.0' Black damp soil			
1	75	3.0'		0.0		2-4'
		4.0'				
		5.0'		0.0		
		6.0'				
2	100	7.0'		0.0		
		8.0'				
		9.0'	9.5' Brown Yellowish damp fine-medium grain sand	0.0		
		10.0'	10.0' Brown Moist Gravel and Sand			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-9
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Black damp soil	0.0		
		2.0'		0.0		
1	55	3.0'		0.0		
		4.0'		0.0		
		5.0'		0.0		
		6.0'		64.6	▨	5-7'
		7.0'	7.0' Brown to Black moist fill with sand/gravel/clay	NA	▨	
2	75	8.0'		63		
		9.0'		40.5		
		10.0'		6.3		
		11.0'		2.8		
		12.0'		NA		
3	100	13.0'		NA		
		14.0'		2.0	▨	13-15'
		15.0'	10.0' Black Moist-Wet clay with odor and sheer	0.9	▨	
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 8.0' Rig Type Geoprobe 6610DT
Boring Depth 15' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

▨ Sample Submitted for Analysis
⊠ Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-10
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	2.0' Black damp soil			
1	60	3.0'		0.0	▨	2-4'
		4.0'				
		5.0'		0.0		
		6.0'				
		7.0'	7.0' Fill Material; Gravel, soil, sand, clay	0.0		
2	75	8.0'	8.0' Silt			
		9.0'		0.0		
		10.0'	10.0' Brown yellow moist sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

▨ Sample Submitted for Analysis

⊠ Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-11
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
1	40	0.0' 1.0' 2.0' 3.0' 4.0' 5.0'	1.0' Black damp soil 5.0' Damp Fill Material: Gravel, soil, sand, clay	0.0 0.0 0.0		1-3'
2	80	5.0' 6.0' 7.0' 8.0' 9.0' 10.0'	8.0' Black Moist Sandy Soil 10.0' Brown, fine-medium grain sand	0.0 0.0		5-7'
		10.0' 11.0' 12.0' 13.0' 14.0' 15.0'				
		15.0' 16.0' 17.0' 18.0' 19.0' 20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth	NA	Rig Type	Geoprobe 6610DT
Boring Depth	10'	Driller	B. Lennon
		Geologist	A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-12
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Black damp soil			
1	50	2.0'		0.0		
		3.0'		0.0		
		4.0'				3-5'
		5.0'		0.0		
		6.0'	6.0' Sand/Gravel			
2	95	7.0'		0.0		
		8.0'				
		9.0'	9.5' Black Moist Silt	0.0		
		10.0'	10.0' Brown yellow moist fine-medium grain sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-13
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Black damp soil	0.0		
1	65	2.0'				
		3.0'		0.0		
		4.0'				
		5.0'		0.0		4-6'
		6.0'	6.5' Damp Sand/Gravel			
2	95	7.0'	7.5' Black Silt	0.0		
		8.0'				
		9.0'	9.5' Brown yellow moist fine-medium grain sand	0.0		
		10.0'	10.0' Moist Silt			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 9.5' Rig Type Geoprobe 6610DT
Boring Depth 10' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-14
Sampling Date: 5.10.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'				
1	95	3.0'	3.0' Black damp soil	0.0		3-5'
		4.0'	4.5' Black Silty Soil			
		5.0'	5.5' Brown Clay	0.0		
		6.0'				
		7.0'		0.0		
2	75	8.0'	8.0' Brown yellow sand w/ Gravel			
		9.0'		0.0		
		10.0'	10.0' Brown Moist Silt w/ Gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 8.0'
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-15
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
1	75	0.0'–2.0'	2.0' Black damp soil	0.0	▨	1-3'
		2.0'–3.0'	3.0' Yellow/Grey/tan sand	0.0	▨	
		3.0'–4.5'	4.5' Black Silty Soil	0.0		
2	80	4.5'–10.0'		0.0	▨	6-8'
				0.0		
		10.0'	Brown Yellow Damp Fine-Medium Sand			

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

▨ Sample Submitted for Analysis
⊠ Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-16
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	2.0' Black Damp Soil			
1	65	3.0'		0.0		2-4'
		4.0'	4.5' Moist Sandy Silt w/ Gravel			
		5.0'		0.0		
		6.0'				
		7.0'		0.0		
2	65	8.0'				
		9.0'		0.0		
		10.0'	10.0' Brown Damp Fine-Medium Sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-17
Sampling Date: 5.10.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	Black Damp Soil			
1	90	2.0'		0.0		
		3.0'		0.0		
		4.0'	Brown Grey Moist Sandy Soil Silt w/ Gravel			
		5.0'		0.0		4-6'
		6.0'				
		6.5'	Black Silty Soil			
2	95	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	Brown Yellow Fine-Medium Sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth: NA
Boring Depth: 10'
Rig Type: Geoprobe 6610DT
Driller: B. Lennon
Geologist: A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-18
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
			2.0' Black Damp Soil			
1	65	2.0'				
		3.0'		0.0		
			4.0'			
		4.0'				
		5.0'		0.0		
		6.0'				5-7'
		7.0'		0.0		
2	98	8.0'				
		9.0'	9.5' Brown to Black Moist Silt (Black from 5-8)	0.0		
			10.0' Yellowish Brown Moist Fine-Medium Sand			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-19
Sampling Date: 5.10.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Black Damp Soil	0.0		
1	95	2.0'				
		3.0'		0.0		2-4'
		4.0'				
		5.0'		0.0		
		6.0'				
		7.0'		0.0		
2	90		8.0' Black to Brown Silty Soil			
		8.0'				
		9.0'		0.0		
			10.0' Yellowish Moist Fine-Medium Sand			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-20
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Black Dry Soil	0.0		
		2.0'	2.0' Dry Gravel and Sand			
1	95	3.0'		0.0		
		4.0'				
		5.0'		0.0		
		6.0'				
		7.0'	8.0' Black Damp Silty Soil	0.0		
2	90	8.0'				
			8.5' Brown Moist Silty Sand			
		9.0'		0.0		8.5-9.5'
		10.0'	10.0' Sandy Silt w/ Gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 9.5'
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-21
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Black Damp Soil	0.0		
			2.0' Gravel			
1	80	2.0'		0.0		
		3.0'				
		4.0'		0.0		
		5.0'				
				0.0		
2	95	6.0'				
		7.0'		0.0		
		8.0'				
		9.0'		0.0		8-10'
		10.0'	10.0' Light Brown Moist Interlayment of Silt and Sand w/ gravel			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 7.5 Rig Type Geoprobe 6610DT
Boring Depth 10' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-22
Sampling Date: 5.10.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	Black Damp Soil			
		1.0'		0.0		
1	80	2.0'				
		3.0'		0.0	▨	2-4'
		4.0'				
		5.0'	Black Damp Silty Soil	0.0		
		6.0'				
2	80	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	Yellowish Brown Moist Fine-Medium Grain Sand			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth: NA
Boring Depth: 10'
Rig Type: Geoprobe 6610DT
Driller: B. Lennon
Geologist: A. Vadan

Note: Boring backfilled unless otherwise noted.

▨ Sample Submitted for Analysis

☒ Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-23
Sampling Date: 5.10.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	Gravel and Sand			
1	80	1.0'		0.0		
		2.0'				
		3.0'		0.0		
		4.0'	Black Dry Silty Material			
		4.0'				
		5.0'	Light Brown and Tan Sand and Gravel	0.0		
		5.0'				5-7'
		6.0'				
		7.0'		0.0		
2	90	8.0'				
		9.0'		0.0		
		10.0'	Light Brown Damp- Moist Silt			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth: NA
Boring Depth: 10'
Rig Type: Geoprobe 6610DT
Driller: B. Lennon
Geologist: A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-24
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'	2.0' Soil			
1	80	3.0'		0.0		
		4.0'				3-5'
		5.0'		0.0		
		6.0'				
2	100	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	10.0' Yellowish Light Brown Dry to Moist Silt W/ Traces of Sand and Gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 4.0'
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-25
Sampling Date 5.10.10		Boring Location See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
			0.5' Asphalt			
		1.0'		0.0		
		2.0'				
			2.5' Sand and Gravel			
1	70	3.0'		0.0		2-4'
			4.0' Black Moist Clay Peat			
		4.0'				
		5.0'		0.0		
		6.0'				
		7.0'		0.0		
2	80		6.0' Grey Moist Silty Clay			
		8.0'				
		9.0'		0.0		
			10.0' Brown Moist Silty Clay			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 4.5'
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-26
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	Black Damp-Moist Soil	0.0		
1	80	2.0'				
		3.0'		0.0		2-4'
		3.5'	Yellowish Damp Fine-Medium Grain Sand			
		4.0'				
		5.0'		0.0		
		6.0'	Yellowish Moist Silt			
2	100	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	Tan-Grey Moist Clay			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 3.5' Rig Type Geoprobe 6610DT
Boring Depth 10' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-27
Sampling Date: 5.10.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete	0.0		
1	90	2.0'				1-3'
		3.0'		0.0		
		4.0'				
		5.0'	5.5' Damp Soil w/ Gravel and Sand	0.0		
2	90	6.0'				
		7.0'		0.0		
		8.0'				
		9.0'	9.0' Black Brown Silty Soil	0.0		
		10.0'	10.0' Yellowish-Brown Moist Sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth: NA
Boring Depth: 10'
Rig Type: Geoprobe 6610DT
Driller: B. Lennon
Geologist: A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-28
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete			
1	80	2.0'		0.0		1-3'
		3.0'		0.0		
		4.0'				
		5.0'		0.0		
		6.0'				
		7.0'	7.0' Brown Moist Silt and Sand	0.0		
2	75	8.0'				7-9'
		9.0'		0.0		
		10.0'	10.0' Yellowish-Brown Moist Fine- Medium Grain Sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-29
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete			
1	65	2.0'		0.0		
		3.0'		0.0		1-3'
		4.0'				
		5.0'		0.0		
		6.0'				
		7.0'		0.0		
2	80	8.0'	8.0' Yellowish Damp Sand and Traces of Gravel			
		9.0'	9.0' Brown Moist Silt	0.0		8-10'
		10.0'	10.0' Brown Sand			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-30
Sampling Date		**Boring Location**
5.10.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
1	50	0.0' 1.0'	1.0' Concrete	0.0		
		2.0' 3.0'	3.5' Tan Damp Sand	0.0	▨	1-3'
		4.0' 5.0'	5.5' Black Damp Silty Soil- Sih	0.0		
2	98	6.0' 7.0' 8.0' 9.0'		0.0	▨	6-8'
		10.0'	10.0' Brown Moist to Wet Silt	0.0		
		11.0' 12.0' 13.0' 14.0'				
		15.0' 16.0' 17.0' 18.0' 19.0' 20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 7.0' Rig Type Geoprobe 6610DT
Boring Depth 10' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

▨ Sample Submitted for Analysis

⊠ Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-31
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete	0.0		
		2.0'				
1	70	3.0'	3.0' Tan Light Brown Damp Silt	0.0		
		4.0'	4.0' Tan Damp Fine- Medium Grain Sand w/ Traces of Gravel			3-5'
		5.0'		0.0		
		6.0'				
2	100	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	10.0' Tan Moist-Wet Silt			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'

Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-32
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete	0.0		
		2.0'				
1	70	3.0'	3.0' Tan Light Brown Damp Silt	0.0		1-3'
		4.0'	4.0' Tan Damp Fine- Medium Grain Sand w/ Traces of Gravel			
		5.0'		0.0		
		6.0'				5-7'
2	95	7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	10.0' Tan to Light Brown Moist Silt w/ Traces of Gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-33
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
1	40	0.0' 1.0' 2.0' 3.0'		0.0		
			3.5' Concrete w/ Sand and Gravel	0.0		3-5'
		4.0'				
		5.0'	5.0' Grey Brown Clay Auger Refusal at 5.0'	0.0		
2	NA	6.0' 7.0' 8.0' 9.0'		0.0 0.0 0.0		
		10.0' 11.0' 12.0' 13.0' 14.0'				
		15.0' 16.0' 17.0' 18.0' 19.0' 20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-34
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
		2.0'				
1	50	3.0'		3.2		
			3.5' Concrete Gravel and Sand			
		4.0'				
		5.0'		4.9	▨	5-6'
		6.0'				
			7.0' Purple Brown Wet Silt with odor and solvent	0.0		
2	90	7.0'				
		8.0'				
		9.0'		0.0	▨	8-10'
			10.0' Brown Tan Moist Silt			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

▨ Sample Submitted for Analysis

⊠ Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-35
Sampling Date: 5.11.10		Boring Location: See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.5' Concrete Gravel and Sand	0.0		
1	70	2.0'				1-3'
		3.0'		0.0		
		4.0'	4.0' Black Damp Silt			
		5.0'		0.0		
2	100	6.0'				5-6'
		7.0'		0.0		
		8.0'	8.0' Purple Moist Silt with Chemical odor at 5-6'			
		9.0'		0.0		
		10.0'	10.0' Yellowish Tan Moist Silty Clay w/ Traces of Gravel			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 4.0' Rig Type Geoprobe 6610DT
Boring Depth 10' Driller B. Lennon
Geologist A. Vadon

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-36
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Asphalt			
1	80	2.0'		0.0		
		3.0'		0.0		
		4.0'				3-5'
		5.0'	5.0' Tan Light Brown Silty Clay	0.0		
2	NA	6.0'		0.0		
		7.0'				
		8.0'		0.0		
		9.0'				
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 3.0' Rig Type Geoprobe 6610DT
Boring Depth 5.0' Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-37
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Asphalt Soil and Gravel			
			2.0' Tan Light Brown Moist Silt	0.0		
1	98	2.0'				1-3'
		3.0'		0.0		
		4.0'				
		5.0'		0.0		
			6.0' Tan Light Moist Brown Silty Clay			
		6.0'				
2	98	7.0'		0.0		
		8.0'				
		9.0'		0.0		
			10.0' Tan Grey Moist Lean Clay			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10.0'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-38
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete	0.0		
		2.0'	2.0' Sand and Gravel			
1	70	3.0'	3.0' Grey Brown Silt	0.0		1-3'
		4.0'				
		5.0'		0.0		
		6.0'				5-7'
2	65	7.0'		0.0		
		8.0'				
		9.0'	9.0' Light Brown Tan Sand w/ Traces of Gravel	0.0		
		10.0'	10.0' Silt Moist			
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10.0'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-39
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'		0.0		
1	85	2.0'				
		3.0'		0.0		2-4'
		4.0'	Tan Light Brown Damp Silt w/ Traces of Sand			
		5.0'	Tan Light Brown Moist-Wet Silty Clay	0.0		
		6.0'				
		7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'				
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth 4.5 Rig Type Geoprobe 6610DT

Boring Depth 5.0' Driller B. Lennon

Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis

Sample on Hold

Project Number	Site Location	Boring Number
805247	300 N. West Street Marengo, Illinois 60152	GP-40
Sampling Date		**Boring Location**
5.11.10		See Site Diagram

Core Number	Sample Recovery (%)	Depth (feet)	Detailed Soil and Rock Description	PID/FID (ppm)	Submitted to Laboratory	Comments
		0.0'				
		1.0'	1.0' Concrete			
		2.0'	2.0' Sand and Gravel	0.0		
1	95	3.0'		0.0		
		4.0'				3-5'
		5.0'		0.0		
2	95	6.0'				
		7.0'		0.0		
		8.0'				
		9.0'		0.0		
		10.0'	10.0' Light Brown Tan Silty Clay			
		11.0'				
		12.0'				
		13.0'				
		14.0'				
		15.0'				
		16.0'				
		17.0'				
		18.0'				
		19.0'				
		20.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

EGSL

Groundwater Depth NA
Boring Depth 10.0'
Rig Type Geoprobe 6610DT
Driller B. Lennon
Geologist A. Vadan

Note: Boring backfilled unless otherwise noted.

Sample Submitted for Analysis
Sample on Hold

Appendix C

GP-1 through GP-26 Soil Analytical Data

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-002	10050296-003	10050296-004	10050296-005
Client Sample ID :	GP-1 (6-8)	GP-2 (4-6)	GP-3 (4-6)	GP-4 (3-5)	GP-5 (1-3)
Date Collected :	05/10/2010 09:00	05/10/2010 09:30	05/10/2010 10:00	05/10/2010 10:35	05/10/2010 11:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	70,000	100,000	---	100,000	25	25	< 0.071	0.13	< 0.073	< 0.077	< 0.072
71-43-2	Benzene	12	0.8	2,300	2.2	0.03	0.17	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-27-4	Bromodichloromethane	10	3,000	2,000	3,000	0.6	0.6	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-25-2	Bromoform	81	53	16,000	140	0.8	0.8	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
74-83-9	Bromomethane	110	10	1,000	3.9	0.2	1.2	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
78-93-3	2-Butanone							< 0.071	< 0.066	< 0.073	< 0.077	< 0.072
75-15-0	Carbon disulfide	7,800	720	20,000	9.0	32	160	< 0.048	< 0.044	< 0.049	< 0.051	< 0.048
56-23-5	Carbon tetrachloride	5	0.3	410	0.90	0.07	0.33	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
108-90-7	Chlorobenzene	1,600	130	4,100	1.3	1	6.5	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-00-3	Chloroethane		1,500*		97*			< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
67-66-3	Chloroform	100	0.3	2,000	0.76	0.6	2.9	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
74-87-3	Chloromethane		110*		11*			< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
124-48-1	Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	0.4	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-34-3	1,1-Dichloroethane	7,800	1,300	200,000	130	23	110	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
107-06-2	1,2-Dichloroethane	7	0.4	1,400	0.99	0.02	0.1	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-35-4	1,1-Dichloroethene	3,900	290	10,000	3.0	0.06	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
156-59-2	cis-1,2-Dichloroethene	780	1,200	20,000	1,200	0.4	1.1	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
156-60-5	trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	0.7	3.4	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
78-87-5	1,2-Dichloropropane	9	15	1,800	0.50	0.03	0.15	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
10061-01-5	cis-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019
10061-02-6	trans-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019
100-41-4	Ethylbenzene	7,800	400	20,000	58	13	19	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
591-78-6	2-Hexanone							< 0.019	< 0.018	< 0.02	< 0.02	< 0.019
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.019	< 0.018	< 0.02	< 0.02	< 0.019
75-09-2	Methylene chloride	85	13	12,000	34	0.02	0.2	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
1634-04-4	Methyl tert-butyl ether	780	8,800	2,000	140	0.32	0.32	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
100-42-5	Styrene	16,000	1,500	41,000	430	4	18	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
79-34-5	1,1,2,2-Tetrachloroethane	310*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
127-18-4	Tetrachloroethene	12	11	2,400	28	0.06	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
108-88-3	Toluene	16,000	650	410,000	42	12	29	< 0.0048	< 0.0044	< 0.0049	0.0096	< 0.0048
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0048	< 0.0044	0.0055	< 0.0051	< 0.0048
79-00-5	1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.02	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
79-01-6	Trichloroethene	58	5	1,200	12	0.06	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-01-4	Vinyl chloride	0.46	0.28	170	1.1	0.01	0.07	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
1330-20-7	Xylenes, Total	16,000	320	41,000	5.6	150	150	< 0.014	< 0.013	< 0.015	< 0.015	< 0.014

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001421

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-006	10050296-007	10050296-008	10050296-009	10050296-011	
Client Sample ID :	GP-6 (5-7)	GP-7 (4-6)	GP-8 (2-4)	GP-9 (5-7)	GP-10 (2-4)	
Date Collected :	05/10/2010 11:15	05/10/2010 11:40	05/10/2010 12:00	05/10/2010 12:10	05/10/2010 12:45	

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	70,000	100,000	-----	100,000	25	25	< 0.064	< 0.072	< 0.07	< 0.062	< 0.067
71-43-2	Benzene	12	0.8	2,300	2.2	0.03	0.17	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-27-4	Bromodichloromethane	10	3,000	2,000	3,000	0.6	0.6	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-25-2	Bromoform	81	53	16,000	140	0.8	0.8	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
74-83-9	Bromomethane	110	10	1,000	3.9	0.2	1.2	< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
78-93-3	2-Butanone							< 0.064	< 0.072	< 0.07	< 0.062	< 0.067
75-15-0	Carbon disulfide	7,800	720	20,000	9.0	32	160	< 0.043	< 0.048	< 0.046	< 0.041	< 0.045
56-23-5	Carbon tetrachloride	5	0.3	410	0.90	0.07	0.33	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
108-90-7	Chlorobenzene	1,600	130	4,100	1.3	1	6.5	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-00-3	Chloroethane		1,500*		97*			< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
67-66-3	Chloroform	100	0.3	2,000	0.76	0.6	2.9	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
74-87-3	Chloromethane		110*		11*			< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
124-48-1	Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	0.4	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-34-3	1,1-Dichloroethane	7,800	1,300	200,000	130	23	110	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
107-06-2	1,2-Dichloroethane	7	0.4	1,400	0.99	0.02	0.1	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-35-4	1,1-Dichloroethene	3,900	290	10,000	3.0	0.06	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
156-59-2	cis-1,2-Dichloroethene	780	1,200	20,000	1,200	0.4	1.1	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
156-60-5	trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	0.7	3.4	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
78-87-5	1,2-Dichloropropane	9	15	1,800	0.50	0.03	0.15	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
10061-01-5	cis-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0019	< 0.0017	< 0.0018
10061-02-6	trans-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0019	< 0.0017	< 0.0018
100-41-4	Ethylbenzene	7,800	400	20,000	58	13	19	< 0.0043	< 0.0048	< 0.0046	0.0063	< 0.0045
591-78-6	2-Hexanone							< 0.017	< 0.019	< 0.019	< 0.017	< 0.018
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.017	< 0.019	< 0.019	< 0.017	< 0.018
75-09-2	Methylene chloride	85	13	12,000	34	0.02	0.2	< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
1634-04-4	Methyl tert-butyl ether	780	8,800	2,000	140	0.32	0.32	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
100-42-5	Styrene	16,000	1,500	41,000	430	4	18	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
79-34-5	1,1,2,2-Tetrachloroethane	310*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
127-18-4	Tetrachloroethene	12	11	2,400	28	0.06	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
108-88-3	Toluene	16,000	650	410,000	42	12	29	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
79-00-5	1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.02	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
79-01-6	Trichloroethene	58	5	1,200	12	0.06	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-01-4	Vinyl chloride	0.46	0.28	170	1.1	0.01	0.07	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
1330-20-7	Xylenes, Total	16,000	320	41,000	5.6	150	150	< 0.013	< 0.014	< 0.014	0.033	< 0.013

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi
* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001422

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-012	10050296-013	10050296-014	10050296-015	10050296-016
Client Sample ID :	GP-11 (1-3)	GP-11 (5-7)	GP-12 (3-5)	GP-13 (4-6)	GP-14 (3-5)
Date Collected :	05/10/2010 13:00	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 13:40	05/10/2010 14:10

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	70,000	100,000	----	100,000	25	25	< 0.065	< 0.069	< 0.067	< 0.065	0.084
71-43-2	Benzene	12	0.8	2,300	2.2	0.03	0.17	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-27-4	Bromodichloromethane	10	3,000	2,000	3,000	0.6	0.6	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-25-2	Bromoform	81	53	16,000	140	0.8	0.8	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
74-83-9	Bromomethane	110	10	1,000	3.9	0.2	1.2	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
78-93-3	2-Butanone							< 0.065	< 0.069	< 0.067	< 0.065	< 0.073
75-15-0	Carbon disulfide	7,800	720	20,000	9.0	32	160	< 0.043	< 0.046	< 0.045	< 0.043	< 0.049
56-23-5	Carbon tetrachloride	5	0.3	410	0.90	0.07	0.33	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
108-90-7	Chlorobenzene	1,600	130	4,100	1.3	1	6.5	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-00-3	Chloroethane		1,500*		97*			< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
67-66-3	Chloroform	100	0.3	2,000	0.76	0.6	2.9	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
74-87-3	Chloromethane		110*		11*			< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
124-48-1	Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	0.4	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-34-3	1,1-Dichloroethane	7,800	1,300	200,000	130	23	110	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
107-06-2	1,2-Dichloroethane	7	0.4	1,400	0.99	0.02	0.1	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-35-4	1,1-Dichloroethene	3,900	290	10,000	3.0	0.06	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
156-59-2	cis-1,2-Dichloroethene	780	1,200	20,000	1,200	0.4	1.1	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
156-60-5	trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	0.7	3.4	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
78-87-5	1,2-Dichloropropane	9	15	1,800	0.50	0.03	0.15	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
10061-01-5	cis-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002
10061-02-6	trans-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002
100-41-4	Ethylbenzene	7,800	400	20,000	58	13	19	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
591-78-6	2-Hexanone							< 0.017	< 0.019	< 0.018	< 0.017	< 0.02
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.017	< 0.019	< 0.018	< 0.017	< 0.02
75-09-2	Methylene chloride	85	13	12,000	34	0.02	0.2	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
1634-04-4	Methyl tert-butyl ether	780	8,800	2,000	140	0.32	0.32	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
100-42-5	Styrene	16,000	1,500	41,000	430	4	18	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
79-34-5	1,1,2,2-Tetrachloroethane	310*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
127-18-4	Tetrachloroethene	12	11	2,400	28	0.06	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
108-88-3	Toluene	16,000	650	410,000	42	12	29	0.0067	< 0.0046	0.0063	< 0.0043	< 0.0049
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
79-00-5	1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.02	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
79-01-6	Trichloroethene	58	5	1,200	12	0.06	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-01-4	Vinyl chloride	0.46	0.28	170	1.1	0.01	0.07	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
1330-20-7	Xylenes, Total	16,000	320	41,000	5.6	150	150	< 0.013	< 0.014	< 0.013	< 0.013	< 0.015

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi
* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001423

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Morengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :								10050296-017	10050296-018	10050296-019	10050296-020	10050296-021
Client Sample ID :								GP-15 (1-3)	GP-15 (6-8)	GP-16 (2-4)	GP-17 (4-6)	GP-18 (5-7)
Date Collected :								05/10/2010 15:00	05/10/2010 15:00	05/10/2010 15:20	05/10/2010 15:40	05/10/2010 16:00
		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	70,000	100,000	----	100,000	25	25	< 0.07	< 0.083	< 0.06	< 0.077	< 0.079
71-43-2	Benzene	12	0.8	2,300	2.2	0.03	0.17	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-27-4	Bromodichloromethane	10	3,000	2,000	3,000	0.6	0.6	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-25-2	Bromoform	81	53	16,000	140	0.8	0.8	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
74-83-9	Bromomethane	110	10	1,000	3.9	0.2	1.2	< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
78-93-3	2-Butanone							< 0.07	< 0.083	< 0.06	< 0.077	< 0.079
75-15-0	Carbon disulfide	7,800	720	20,000	9.0	32	160	< 0.047	< 0.056	< 0.04	< 0.052	< 0.053
56-23-5	Carbon tetrachloride	5	0.3	410	0.90	0.07	0.33	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
108-90-7	Chlorobenzene	1,600	130	4,100	1.3	1	6.5	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-00-3	Chloroethane		1,500*		97*			< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
67-66-3	Chloroform	100	0.3	2,000	0.76	0.6	2.9	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
74-87-3	Chloromethane		110*		11*			< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
124-48-1	Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	0.4	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-34-3	1,1-Dichloroethane	7,800	1,300	200,000	130	23	110	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
107-06-2	1,2-Dichloroethane	7	0.4	1,400	0.99	0.02	0.1	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-35-4	1,1-Dichloroethene	3,900	290	10,000	3.0	0.06	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
156-59-2	cis-1,2-Dichloroethene	780	1,200	20,000	1,200	0.4	1.1	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
156-60-5	trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	0.7	3.4	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
78-87-5	1,2-Dichloropropane	9	15	1,800	0.50	0.03	0.15	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
10061-01-5	cis-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0022	< 0.0016	< 0.0021	< 0.0021
10061-02-6	trans-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0022	< 0.0016	< 0.0021	< 0.0021
100-41-4	Ethylbenzene	7,800	400	20,000	58	13	19	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
591-78-6	2-Hexanone							< 0.019	< 0.022	< 0.016	< 0.021	< 0.021
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.019	< 0.022	< 0.016	< 0.021	< 0.021
75-09-2	Methylene chloride	85	13	12,000	34	0.02	0.2	< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
1634-04-4	Methyl tert-butyl ether	780	8,800	2,000	140	0.32	0.32	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
100-42-5	Styrene	16,000	1,500	41,000	430	4	18	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
79-34-5	1,1,2,2-Tetrachloroethane	310*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
127-18-4	Tetrachloroethene	12	11	2,400	28	0.06	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
108-88-3	Toluene	16,000	650	410,000	42	12	29	< 0.0047	< 0.0056	0.004	< 0.0052	< 0.0053
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0047	< 0.0056	< 0.004	0.0069	< 0.0053
79-00-5	1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.02	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
79-01-6	Trichloroethene	58	5	1,200	12	0.06	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-01-4	Vinyl chloride	0.46	0.28	170	1.1	0.01	0.07	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
1330-20-7	Xylenes, Total	16,000	320	41,000	5.6	150	150	< 0.014	< 0.017	< 0.012	< 0.015	< 0.016

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001424

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-022	10050296-023	10050296-024	10050296-025	10050296-026
Client Sample ID :	GP-19 (2-4)	GP-20 (8.5-9.5)	GP-21 (8-10)	GP-22 (2-4)	GP-23 (5-7)
Date Collected :	05/10/2010 16:20	05/10/2010 16:35	05/10/2010 16:50	05/10/2010 17:10	05/10/2010 17:35

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	70,000	100,000	---	100,000	25	25	< 0.077	< 0.064	< 0.054	0.082	< 0.067
71-43-2	Benzene	12	0.8	2,300	2.2	0.03	0.17	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-27-4	Bromodichloromethane	10	3,000	2,000	3,000	0.6	0.6	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-25-2	Bromoform	81	53	16,000	140	0.8	0.8	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
74-83-9	Bromomethane	110	10	1,000	3.9	0.2	1.2	< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
78-93-3	2-Butanone							< 0.077	< 0.064	< 0.054	< 0.077	< 0.067
75-15-0	Carbon disulfide	7,800	720	20,000	9.0	32	160	< 0.051	< 0.042	< 0.036	< 0.052	< 0.044
56-23-5	Carbon tetrachloride	5	0.3	410	0.90	0.07	0.33	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
108-90-7	Chlorobenzene	1,600	130	4,100	1.3	1	6.5	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-00-3	Chloroethane		1,500*		97*			< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
67-66-3	Chloroform	100	0.3	2,000	0.76	0.6	2.9	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
74-87-3	Chloromethane		110*		11*			< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
124-48-1	Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	0.4	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-34-3	1,1-Dichloroethane	7,800	1,300	200,000	130	23	110	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
107-06-2	1,2-Dichloroethane	7	0.4	1,400	0.99	0.02	0.1	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-35-4	1,1-Dichloroethene	3,900	290	10,000	3.0	0.06	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
156-59-2	cis-1,2-Dichloroethene	780	1,200	20,000	1,200	0.4	1.1	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
156-60-5	trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	0.7	3.4	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
78-87-5	1,2-Dichloropropane	9	15	1,800	0.50	0.03	0.15	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
10061-01-5	cis-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.002	< 0.0017	< 0.0014	< 0.0021	< 0.0018
10061-02-6	trans-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.002	< 0.0017	< 0.0014	< 0.0021	< 0.0018
100-41-4	Ethylbenzene	7,800	400	20,000	58	13	19	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
591-78-6	2-Hexanone							< 0.02	< 0.017	< 0.014	< 0.021	< 0.018
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.02	< 0.017	< 0.014	< 0.021	< 0.018
75-09-2	Methylene chloride	85	13	12,000	34	0.02	0.2	< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
1634-04-4	Methyl tert-butyl ether	780	8,800	2,000	140	0.32	0.32	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
100-42-5	Styrene	16,000	1,500	41,000	430	4	18	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
79-34-5	1,1,2,2-Tetrachloroethane	310*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
127-18-4	Tetrachloroethene	12	11	2,400	28	0.06	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	0.013
108-88-3	Toluene	16,000	650	410,000	42	12	29	< 0.0051	< 0.0042	< 0.0036	< 0.0052	0.0045
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0051	< 0.0042	< 0.0036	< 0.0052	0.0068
79-00-5	1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.02	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
79-01-6	Trichloroethene	58	5	1,200	12	0.06	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-01-4	Vinyl chloride	0.46	0.28	170	1.1	0.01	0.07	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
1330-20-7	Xylenes, Total	16,000	320	41,000	5.6	150	150	< 0.015	< 0.013	< 0.011	< 0.015	< 0.013

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi
* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001425

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-027	10050296-028	10050296-029
Client Sample ID :	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)
Date Collected :	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values				
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II			
67-64-1	Acetone	70,000	100,000	---	100,000	25	25	< 0.06	< 0.076	< 0.07
71-43-2	Benzene	12	0.8	2,300	2.2	0.03	0.17	< 0.004	< 0.005	0.0059
75-27-4	Bromodichloromethane	10	3,000	2,000	3,000	0.6	0.6	< 0.004	< 0.005	< 0.0047
75-25-2	Bromoform	81	53	16,000	140	0.8	0.8	< 0.004	< 0.005	< 0.0047
74-83-9	Bromomethane	110	10	1,000	3.9	0.2	1.2	< 0.008	< 0.01	< 0.0093
78-93-3	2-Butanone							< 0.06	< 0.076	< 0.07
75-15-0	Carbon disulfide	7,800	720	20,000	9.0	32	160	< 0.04	< 0.05	< 0.047
56-23-5	Carbon tetrachloride	5	0.3	410	0.90	0.07	0.33	< 0.004	< 0.005	< 0.0047
108-90-7	Chlorobenzene	1,600	130	4,100	1.3	1	6.5	< 0.004	< 0.005	< 0.0047
75-00-3	Chloroethane		1,500*		97*			< 0.008	< 0.01	< 0.0093
67-66-3	Chloroform	100	0.3	2,000	0.76	0.6	2.9	< 0.004	< 0.005	< 0.0047
74-87-3	Chloromethane		110*		11*			< 0.008	< 0.01	< 0.0093
124-48-1	Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	0.4	< 0.004	< 0.005	< 0.0047
75-34-3	1,1-Dichloroethane	7,800	1,300	200,000	130	23	110	< 0.004	< 0.005	< 0.0047
107-06-2	1,2-Dichloroethane	7	0.4	1,400	0.99	0.02	0.1	< 0.004	< 0.005	< 0.0047
75-35-4	1,1-Dichloroethene	3,900	290	10,000	3.0	0.06	0.3	< 0.004	< 0.005	< 0.0047
156-59-2	cis-1,2-Dichloroethene	780	1,200	20,000	1,200	0.4	1.1	< 0.004	< 0.005	< 0.0047
156-60-5	trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	0.7	3.4	< 0.004	< 0.005	< 0.0047
78-87-5	1,2-Dichloropropane	9	15	1,800	0.50	0.03	0.15	< 0.004	< 0.005	< 0.0047
10061-01-5	cis-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0016	< 0.002	< 0.0019
10061-02-6	trans-1,3-Dichloropropene	6	1.1	1,200	0.39	0.004	0.02	< 0.0016	< 0.002	< 0.0019
100-41-4	Ethylbenzene	7,800	400	20,000	58	13	19	< 0.004	< 0.005	< 0.0047
591-78-6	2-Hexanone							< 0.016	< 0.02	< 0.019
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.016	< 0.02	< 0.019
75-09-2	Methylene chloride	85	13	12,000	34	0.02	0.2	< 0.008	< 0.01	< 0.0093
1634-04-4	Methyl tert-butyl ether	780	8,800	2,000	140	0.32	0.32	< 0.004	< 0.005	< 0.0047
100-42-5	Styrene	16,000	1,500	41,000	430	4	18	< 0.004	< 0.005	< 0.0047
79-34-5	1,1,2,2-Tetrachloroethane	310*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.004	< 0.005	< 0.0047
127-18-4	Tetrachloroethene	12	11	2,400	28	0.06	0.3	< 0.004	< 0.005	< 0.0047
108-88-3	Toluene	16,000	650	410,000	42	12	29	0.0053	< 0.005	0.011
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.004	< 0.005	< 0.0047
79-00-5	1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.02	0.3	< 0.004	< 0.005	< 0.0047
79-01-6	Trichloroethene	58	5	1,200	12	0.06	0.3	< 0.004	< 0.005	< 0.0047
75-01-4	Vinyl chloride	0.46	0.28	170	1.1	0.01	0.07	< 0.004	< 0.005	< 0.0047
1330-20-7	Xylenes, Total	16,000	320	41,000	5.6	150	150	< 0.012	< 0.015	< 0.014

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi
* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001426

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	10050296-005	10050296-007
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-5 (1-3)	GP-7 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:40

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	4,700	---	120,000	---	570	2,900	< 0.027	< 0.024	< 0.025	< 0.024
208-96-8	Acenaphthylene	2,300*		61,000*		85*	420*	< 0.027	< 0.024	< 0.025	< 0.024
120-12-7	Anthracene	23,000	---	610,000	---	12,000	59,000	< 0.027	< 0.024	< 0.025	< 0.024
56-55-3	Benz(a)anthracene	0.9	---	170	---	2	8	< 0.027	< 0.024	0.047	< 0.024
50-32-8	Benzo(a)pyrene	0.09	---	17	---	8	82	< 0.027	< 0.024	0.044	< 0.024
205-99-2	Benzo(b)fluoranthene	0.9	---	170	---	5	25	< 0.027	< 0.024	0.052	< 0.024
191-24-2	Benzo(g,h,i)perylene	2,300*		61,000*		27,000*	130,000*	< 0.027	< 0.024	0.026	< 0.024
207-08-9	Benzo(k)fluoranthene	9	---	1,700	---	49	250	< 0.027	< 0.024	0.038	< 0.024
218-01-9	Chrysene	88	---	17,000	---	160	800	< 0.027	< 0.024	0.051	< 0.024
53-70-3	Dibenz(a,h)anthracene	0.09	---	17	---	2	7.6	< 0.027	< 0.024	< 0.025	< 0.024
206-44-0	Fluoranthene	3,100	---	82,000	---	4,300	21,000	< 0.027	< 0.024	0.11	< 0.024
86-73-7	Fluorene	3,100	---	82,000	---	560	2,800	< 0.027	< 0.024	< 0.025	< 0.024
193-39-5	Indeno(1,2,3-cd)pyrene	0.9	---	170	---	14	69	< 0.027	< 0.024	0.026	< 0.024
91-20-3	Naphthalene	1,600	170	4,100	1.8	12	18	< 0.027	< 0.024	< 0.025	< 0.024
85-01-8	Phenanthrene	2,300*		61,000*		200*	1,000*	< 0.027	< 0.024	0.04	< 0.024
129-00-0	Pyrene	2,300	---	61,000	---	4,200	21,000	< 0.027	< 0.024	0.092	< 0.024

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001427

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-009	10050296-013	10050296-014	10050296-017
Client Sample ID :	GP-9 (5-7)	GP-11 (5-7)	GP-12 (3-5)	GP-15 (1-3)
Date Collected :	05/10/2010 12:10	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 15:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	4,700	---	120,000	---	570	2,900	0.31	< 0.025	< 0.024	< 0.025
208-96-8	Acenaphthylene	2,300*		61,000*		85*	420*	0.36	< 0.025	< 0.024	< 0.025
120-12-7	Anthracene	23,000	---	610,000	---	12,000	59,000	0.057	< 0.025	< 0.024	< 0.025
56-55-3	Benz(a)anthracene	0.9	---	170	---	2	8	0.053	< 0.025	< 0.024	< 0.025
50-32-8	Benzo(a)pyrene	0.09	---	17	---	8	82	0.18	< 0.025	< 0.024	< 0.025
205-99-2	Benzo(b)fluoranthene	0.9	---	170	---	5	25	0.12	< 0.025	< 0.024	< 0.025
191-24-2	Benzo(g,h,i)perylene	2,300*		61,000*		27,000*	130,000*	0.17	< 0.025	< 0.024	< 0.025
207-08-9	Benzo(k)fluoranthene	9	---	1,700	---	49	250	0.097	< 0.025	< 0.024	< 0.025
218-01-9	Chrysene	88	---	17,000	---	160	800	0.053	< 0.025	< 0.024	< 0.025
53-70-3	Dibenz(a,h)anthracene	0.09	---	17	---	2	7.6	< 0.04	< 0.025	< 0.024	< 0.025
206-44-0	Fluoranthene	3,100	---	82,000	---	4,300	21,000	0.12	< 0.025	< 0.024	< 0.025
86-73-7	Fluorene	3,100	---	82,000	---	560	2,800	0.53	< 0.025	< 0.024	< 0.025
193-39-5	Indeno(1,2,3-cd)pyrene	0.9	---	170	---	14	69	0.19	< 0.025	< 0.024	< 0.025
91-20-3	Naphthalene	1,600	170	4,100	1.8	12	18	< 3	< 0.025	< 0.024	< 0.025
85-01-8	Phenanthrene	2,300*		61,000*		200*	1,000*	0.3	< 0.025	< 0.024	< 0.025
129-00-0	Pyrene	2,300	---	61,000	---	4,200	21,000	0.11	< 0.025	< 0.024	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001428

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-020	10050296-021	10050296-022	10050296-023	
Client Sample ID :	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)	
Date Collected :	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35	

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	4,700	---	120,000	---	570	2,900	< 0.026	< 0.027	< 0.025	< 0.025
208-96-8	Acenaphthylene	2,300*		61,000*		85*	420*	< 0.026	< 0.027	< 0.025	< 0.025
120-12-7	Anthracene	23,000	---	610,000	---	12,000	59,000	< 0.026	< 0.027	< 0.025	< 0.025
56-55-3	Benz(a)anthracene	0.9	---	170	---	2	8	< 0.026	< 0.027	< 0.025	< 0.025
50-32-8	Benzo(a)pyrene	0.09	---	17	---	8	82	< 0.026	< 0.027	< 0.025	< 0.025
205-99-2	Benzo(b)fluoranthene	0.9	---	170	---	5	25	< 0.026	< 0.027	< 0.025	< 0.025
191-24-2	Benzo(g,h,i)perylene	2,300*		61,000*		27,000*	130,000*	< 0.026	< 0.027	< 0.025	< 0.025
207-08-9	Benzo(k)fluoranthene	9	---	1,700	---	49	250	< 0.026	< 0.027	< 0.025	< 0.025
218-01-9	Chrysene	88	---	17,000	---	160	800	< 0.026	< 0.027	< 0.025	< 0.025
53-70-3	Dibenz(a,h)anthracene	0.09	---	17	---	2	7.6	< 0.026	< 0.027	< 0.025	< 0.025
206-44-0	Fluoranthene	3,100	---	82,000	---	4,300	21,000	< 0.026	< 0.027	< 0.025	< 0.025
86-73-7	Fluorene	3,100	---	82,000	---	560	2,800	< 0.026	< 0.027	< 0.025	< 0.025
193-39-5	Indeno(1,2,3-cd)pyrene	0.9	---	170	---	14	69	< 0.026	< 0.027	< 0.025	< 0.025
91-20-3	Naphthalene	1,600	170	4,100	1.8	12	18	< 0.026	< 0.027	< 0.025	< 0.025
85-01-8	Phenanthrene	2,300*		61,000*		200*	1,000*	< 0.026	< 0.027	< 0.025	< 0.025
129-00-0	Pyrene	2,300	---	61,000	---	4,200	21,000	< 0.026	< 0.027	< 0.025	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001429

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-024	10050296-027	10050296-028	10050296-029
Client Sample ID :	GP-21 (8-10)	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)
Date Collected :	05/10/2010 16:50	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	4,700	---	120,000	---	570	2,900	< 0.025	< 0.025	< 0.026	< 0.025
208-96-8	Acenaphthylene	2,300*		61,000*		85*	420*	< 0.025	< 0.025	< 0.026	< 0.025
120-12-7	Anthracene	23,000	---	610,000	---	12,000	59,000	< 0.025	< 0.025	< 0.026	< 0.025
56-55-3	Benz(a)anthracene	0.9	---	170	---	2	8	< 0.025	< 0.025	< 0.026	< 0.025
50-32-8	Benzo(a)pyrene	0.09	---	17	---	8	82	< 0.025	< 0.025	< 0.026	< 0.025
205-99-2	Benzo(b)fluoranthene	0.9	---	170	---	5	25	< 0.025	< 0.025	< 0.026	< 0.025
191-24-2	Benzo(g,h,i)perylene	2,300*		61,000*		27,000*	130,000*	< 0.025	< 0.025	< 0.026	< 0.025
207-08-9	Benzo(k)fluoranthene	9	---	1,700	---	49	250	< 0.025	< 0.025	< 0.026	< 0.025
218-01-9	Chrysene	88	---	17,000	---	160	800	< 0.025	< 0.025	< 0.026	< 0.025
53-70-3	Dibenz(a,h)anthracene	0.09	---	17	---	2	7.6	< 0.025	< 0.025	< 0.026	< 0.025
206-44-0	Fluoranthene	3,100	---	82,000	---	4,300	21,000	< 0.025	< 0.025	< 0.026	< 0.025
86-73-7	Fluorene	3,100	---	82,000	---	560	2,800	< 0.025	< 0.025	< 0.026	< 0.025
193-39-5	Indeno(1,2,3-cd)pyrene	0.9	---	170	---	14	69	< 0.025	< 0.025	< 0.026	< 0.025
91-20-3	Naphthalene	1,600	170	4,100	1.8	12	18	< 0.025	< 0.025	< 0.026	< 0.025
85-01-8	Phenanthrene	2,300*		61,000*		200*	1,000*	< 0.025	< 0.025	< 0.026	< 0.025
129-00-0	Pyrene	2,300	---	61,000	---	4,200	21,000	< 0.025	< 0.025	< 0.026	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001430

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)
Date Collected :	05/10/2010 09:00	05/10/2010 10:35

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.19	< 0.16
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.19	< 0.16
541-73-1	1,3-Dichlorobenzene							< 0.19	< 0.16
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.19	< 0.16
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.19	< 0.16
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.36	< 0.32
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.19	< 0.16
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.19	< 0.16
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.19	< 0.16
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.88	< 0.77
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.19	< 0.16
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.19	< 0.16
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.19	< 0.16
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.19	< 0.16
91-57-6	2-Methylnaphthalene							< 0.19	< 0.16
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.19	< 0.16
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.88	< 0.77
88-75-5	2-Nitrophenol							< 0.19	< 0.16
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.36	< 0.32
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.88	< 0.77
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.88	< 0.77
101-55-3	4-Bromophenyl phenyl ether							< 0.19	< 0.16
59-50-7	4-Chloro-3-methylphenol							< 0.19	< 0.16
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.19	< 0.16
7005-72-3	4-Chlorophenyl phenyl ether							< 0.19	< 0.16
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.19	< 0.16
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.88	< 0.77
100-02-7	4-Nitrophenol							< 0.88	< 0.77
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.19	< 0.16
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.19	< 0.16
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.88	< 0.77
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.19	< 0.16
111-91-1	Bis(2-chloroethoxy)methane							< 0.19	< 0.16
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.19	< 0.16
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.19	< 0.16
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.19	< 0.16
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.19	< 0.16
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.19	< 0.16
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.19	< 0.16
132-64-9	Dibenzofuran			820*				< 0.19	< 0.16
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.19	< 0.16
131-11-3	Dimethyl phthalate							< 0.19	< 0.16
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.19	< 0.16
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.19	< 0.16
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.19	< 0.16
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.19	< 0.16
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.19	< 0.16
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.19	< 0.16
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.19	< 0.16
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.19	< 0.16
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.19	< 0.16
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.19	< 0.16
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.027	< 0.024
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.027	< 0.024

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001431

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-005	10050296-007
Client Sample ID :	GP-5 (1-3)	GP-7 (4-6)
Date Collected :	05/10/2010 11:00	05/10/2010 11:40

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.17	< 0.17
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.17	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.17	< 0.17
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.17	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	< 0.17
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.33	< 0.32
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.17	< 0.17
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.17	< 0.17
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.17	< 0.17
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.79	< 0.78
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.17	< 0.17
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.17	< 0.17
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.17	< 0.17
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.17	< 0.17
91-57-6	2-Methylnaphthalene							< 0.17	< 0.17
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.17	< 0.17
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.79	< 0.78
88-75-5	2-Nitrophenol							< 0.17	< 0.17
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.33	< 0.32
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.79	< 0.78
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.79	< 0.78
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.17
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.17	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.17
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.17	< 0.17
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.79	< 0.78
100-02-7	4-Nitrophenol							< 0.79	< 0.78
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.17
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.17
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.79	< 0.78
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.17
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.17	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.17
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.17	< 0.17
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.17	< 0.17
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.17
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.17
132-64-9	Dibenzofuran			820*				< 0.17	< 0.17
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.17
131-11-3	Dimethyl phthalate							< 0.17	< 0.17
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.17	< 0.17
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.17	< 0.17
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.17	< 0.17
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.17	< 0.17
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.17	< 0.17
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.17
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.17	< 0.17
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.17	< 0.17
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.17	< 0.17
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.025	< 0.024
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.025	< 0.024

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001432

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-009	10050296-013	
Client Sample ID :	GP-9 (5-7)	GP-11 (5-7)	
Date Collected :	05/10/2010 12:10	05/10/2010 13:00	

CAS No.	Analyte	Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.21	< 0.17
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.21	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.21	< 0.17
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.21	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.21	< 0.17
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.4	< 0.33
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.21	< 0.17
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.21	< 0.17
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.21	< 0.17
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.97	< 0.81
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.21	< 0.17
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.21	< 0.17
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.21	< 0.17
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.21	< 0.17
91-57-6	2-Methylnaphthalene							6	< 0.17
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.21	< 0.17
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.97	< 0.81
88-75-5	2-Nitrophenol							< 0.21	< 0.17
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.4	< 0.33
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.97	< 0.81
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.97	< 0.81
101-55-3	4-Bromophenyl phenyl ether							< 0.21	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.21	< 0.17
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.21	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.21	< 0.17
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.21	< 0.17
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.97	< 0.81
100-02-7	4-Nitrophenol							< 0.97	< 0.81
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.21	< 0.17
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.21	< 0.17
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.97	< 0.81
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.21	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.21	< 0.17
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.21	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.21	< 0.17
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.21	< 0.17
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.21	< 0.17
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.21	< 0.17
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.21	< 0.17
132-64-9	Dibenzofuran			820*				< 0.21	< 0.17
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.21	< 0.17
131-11-3	Dimethyl phthalate							< 0.21	< 0.17
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.21	< 0.17
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.21	< 0.17
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.21	< 0.17
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.21	< 0.17
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.21	< 0.17
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.21	< 0.17
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.21	< 0.17
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.21	< 0.17
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.21	< 0.17
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.21	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.04	< 0.025
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.04	< 0.02

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-014	10050296-017	
Client Sample ID :	GP-12 (3-5)	GP-15 (1-3)	
Date Collected :	05/10/2010 13:20	05/10/2010 15:00	

CAS No.	Analyte	Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.16	< 0.17
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.16	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.16	< 0.17
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.16	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.16	< 0.17
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.32	< 0.33
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.16	< 0.17
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.16	< 0.17
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.16	< 0.17
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.77	< 0.79
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.16	< 0.17
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.16	< 0.17
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.16	< 0.17
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.16	< 0.17
91-57-6	2-Methylnaphthalene							< 0.16	< 0.17
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.16	< 0.17
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.77	< 0.79
88-75-5	2-Nitrophenol							< 0.16	< 0.17
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.32	< 0.33
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.77	< 0.79
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.77	< 0.79
101-55-3	4-Bromophenyl phenyl ether							< 0.16	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.16	< 0.17
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.16	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.16	< 0.17
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.16	< 0.17
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.77	< 0.79
100-02-7	4-Nitrophenol							< 0.77	< 0.79
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.16	< 0.17
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.16	< 0.17
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.77	< 0.79
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.16	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.16	< 0.17
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.16	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.16	< 0.17
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.16	< 0.17
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.16	< 0.17
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.16	< 0.17
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.16	< 0.17
132-64-9	Dibenzofuran			820*				< 0.16	< 0.17
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.16	< 0.17
131-11-3	Dimethyl phthalate							< 0.16	< 0.17
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.16	< 0.17
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.16	< 0.17
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.16	< 0.17
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.16	< 0.17
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.16	< 0.17
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.16	< 0.17
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.16	< 0.17
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.16	< 0.17
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.16	< 0.17
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.16	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.024	< 0.025
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.024	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001434

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-020	10050296-021	
Client Sample ID :	GP-17 (4-6)	GP-18 (5-7)	
Date Collected :	05/10/2010 15:40	05/10/2010 16:00	

CAS No.	Analyte	Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.17	< 0.18
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.17	< 0.18
541-73-1	1,3-Dichlorobenzene							< 0.17	< 0.18
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.17	< 0.18
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	< 0.18
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.34	< 0.36
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.17	< 0.18
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.17	< 0.18
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.17	< 0.18
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.82	< 0.86
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.17	< 0.18
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.17	< 0.18
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.17	< 0.18
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.17	< 0.18
91-57-6	2-Methylnaphthalene							< 0.17	< 0.18
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.17	< 0.18
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.82	< 0.86
88-75-5	2-Nitrophenol							< 0.17	< 0.18
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.34	< 0.36
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.82	< 0.86
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.82	< 0.86
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.18
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.18
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.17	< 0.18
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.18
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.17	< 0.18
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.82	< 0.86
100-02-7	4-Nitrophenol							< 0.82	< 0.86
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.18
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.18
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.82	< 0.86
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.18
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.18
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.17	< 0.18
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.18
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.17	< 0.18
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.17	< 0.18
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.18
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.18
132-64-9	Dibenzofuran			820*				< 0.17	< 0.18
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.18
131-11-3	Dimethyl phthalate							< 0.17	< 0.18
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.17	< 0.18
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.17	< 0.18
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.17	< 0.18
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.17	< 0.18
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.17	< 0.18
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.18
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.17	< 0.18
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.17	< 0.18
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.17	< 0.18
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.18
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.026	< 0.027
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.026	< 0.027

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-022	10050296-023	
Client Sample ID :	GP-19 (2-4)	GP-20 (8.5-9.5)	
Date Collected :	05/10/2010 16:20	05/10/2010 16:35	

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.17	
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.17	
541-73-1	1,3-Dichlorobenzene							< 0.17	
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.17	
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.34	
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.17	< 0.17
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.17	< 0.17
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.17	< 0.17
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.81	< 0.81
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.17	< 0.17
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.17	< 0.17
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.17	< 0.17
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.17	< 0.17
91-57-6	2-Methylnaphthalene							< 0.17	< 0.17
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.17	< 0.17
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.81	< 0.81
88-75-5	2-Nitrophenol							< 0.17	< 0.17
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.34	< 0.33
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.81	< 0.81
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.81	< 0.81
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.17
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.17	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.17
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.17	< 0.17
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.81	< 0.81
100-02-7	4-Nitrophenol							< 0.81	< 0.81
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.17
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.17
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.81	< 0.81
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.17
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.17	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.17
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.17	< 0.17
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.17	< 0.17
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.17
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.17
132-64-9	Dibenzofuran			820*				< 0.17	< 0.17
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.17
131-11-3	Dimethyl phthalate							< 0.17	< 0.17
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.17	< 0.17
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.17	< 0.17
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.17	< 0.17
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.17	< 0.17
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.17	< 0.17
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.17
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.17	< 0.17
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.17	< 0.17
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.17	< 0.17
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.025	< 0.025
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.025	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001436

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-024	10050296-027	
Client Sample ID :	GP-21 (8-10)	GP-24 (3-5)	
Date Collected :	05/10/2010 16:50	05/10/2010 17:40	

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.17	< 0.17
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.17	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.17	< 0.17
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.17	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	< 0.17
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.33	< 0.33
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.17	< 0.17
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.17	< 0.17
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.17	< 0.17
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.8	< 0.79
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.17	< 0.17
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.17	< 0.17
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.17	< 0.17
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.17	< 0.17
91-57-6	2-Methylnaphthalene							< 0.17	< 0.17
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.17	< 0.17
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.8	< 0.79
88-75-5	2-Nitrophenol							< 0.17	< 0.17
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.33	< 0.33
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.8	< 0.79
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.8	< 0.79
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.17
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.17	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.17
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.17	< 0.17
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.8	< 0.79
100-02-7	4-Nitrophenol							< 0.8	< 0.79
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.17
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.17
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.8	< 0.79
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.17
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.17	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.17
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.17	< 0.17
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.17	< 0.17
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.17
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.17
132-64-9	Dibenzofuran			820*				< 0.17	< 0.17
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.17
131-11-3	Dimethyl phthalate							< 0.17	< 0.17
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.17	< 0.17
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.17	< 0.17
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.17	< 0.17
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.17	< 0.17
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.17	< 0.17
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.17
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.17	< 0.17
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.17	< 0.17
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.17	< 0.17
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.025	< 0.025
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.025	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001437

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-028	10050296-029	
Client Sample ID :	GP-25 (2-4)	GP-26 (2-4)	
Date Collected :	05/10/2010 18:30	05/10/2010 19:00	

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	780	3,200	2,000	920	5	53	< 0.18	< 0.17
95-50-1	1,2-Dichlorobenzene	7,000	560	18,000	310	17	43	< 0.18	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.18	< 0.17
106-46-7	1,4-Dichlorobenzene	---	11,000	---	340	2	11	< 0.18	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	3,100*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.18	< 0.17
95-95-4	2,4,5-Trichlorophenol	7,800	---	200,000	---	270	1,400	< 0.35	< 0.33
88-06-2	2,4,6-Trichlorophenol	58	200	11,000	540	0.2	0.77	< 0.18	< 0.17
120-83-2	2,4-Dichlorophenol	230	---	610	---	1	1	< 0.18	< 0.17
105-67-9	2,4-Dimethylphenol	1,600	---	41,000	---	9	9	< 0.18	< 0.17
51-28-5	2,4-Dinitrophenol	160	---	410	---	0.2	0.2	< 0.85	< 0.8
121-14-2	2,4-Dinitrotoluene	0.9	---	180	---	0.0008	0.0008	< 0.18	< 0.17
606-20-2	2,6-Dinitrotoluene	0.9	---	180	---	0.0007	0.0007	< 0.18	< 0.17
91-58-7	2-Chloronaphthalene	6,300*		160,000*		49*	240*	< 0.18	< 0.17
95-57-8	2-Chlorophenol	390	53,000	10,000	53,000	4	4	< 0.18	< 0.17
91-57-6	2-Methylnaphthalene							< 0.18	< 0.17
95-48-7	2-Methylphenol	3,900	---	100,000	---	15	15	< 0.18	< 0.17
88-74-4	2-Nitroaniline	230*	35*	610*	3.6*	0.14*	0.14*	< 0.85	< 0.8
88-75-5	2-Nitrophenol							< 0.18	< 0.17
91-94-1	3,3'-Dichlorobenzidine	1	---	280	---	0.007	0.033	< 0.35	< 0.33
99-09-2	3-Nitroaniline	23*	250*	61*	26*	0.01*	0.01*	< 0.85	< 0.8
534-52-1	4,6-Dinitro-2-methylphenol	7.8*		820*		0.0031*	0.0031*	< 0.85	< 0.8
101-55-3	4-Bromophenyl phenyl ether							< 0.18	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.18	< 0.17
106-47-8	4-Chloroaniline	310	---	820	---	0.7	0.7	< 0.18	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.18	< 0.17
106-44-5	4-Methylphenol	390*		1,000*		0.2*	0.2*	< 0.18	< 0.17
100-01-6	4-Nitroaniline	230*	1,000*	610*	110*	0.1*	0.1*	< 0.85	< 0.8
100-02-7	4-Nitrophenol							< 0.85	< 0.8
62-53-3	Aniline	110*	83*	1,400*	8.6*	0.063*	0.063*	< 0.18	< 0.17
92-87-5	Benzidine	0.003*	0.009*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.18	< 0.17
65-85-0	Benzoic acid	310,000	---	820,000	---	400	400	< 0.85	< 0.8
100-51-6	Benzyl alcohol	39,000*	6,100*	200,000*	6,100*	15*	15*	< 0.18	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.18	< 0.17
111-44-4	Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	0.0004	< 0.18	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	3,600	31,000	< 0.18	< 0.17
85-68-7	Butyl benzyl phthalate	16,000	930	410,000	930	930	930	< 0.18	< 0.17
86-74-8	Carbazole	32	---	6,200	---	0.6	2.8	< 0.18	< 0.17
84-74-2	Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	2,300	< 0.18	< 0.17
117-84-0	Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	10,000	< 0.18	< 0.17
132-64-9	Dibenzofuran			820*				< 0.18	< 0.17
84-66-2	Diethyl phthalate	63,000	2,000	1,000,000	2,000	470	470	< 0.18	< 0.17
131-11-3	Dimethyl phthalate							< 0.18	< 0.17
118-74-1	Hexachlorobenzene	0.4	1	78	2.6	2	11	< 0.18	< 0.17
87-68-3	Hexachlorobutadiene	78*	150*	200*	72*	2.2*	11*	< 0.18	< 0.17
77-47-4	Hexachlorocyclopentadiene	550	10	14,000	1.1	400	2,200	< 0.18	< 0.17
67-72-1	Hexachloroethane	78	---	2,000	---	0.5	2.6	< 0.18	< 0.17
78-59-1	Isophorone	15,600	4,600	410,000	4,600	8	8	< 0.18	< 0.17
62-75-9	N-Nitrosodimethylamine	0.013*	0.012*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.18	< 0.17
86-30-6	N-Nitrosodiphenylamine	130	---	25,000	---	1	5.6	< 0.18	< 0.17
98-95-3	Nitrobenzene	39	92	1,000	9.4	0.1	0.1	< 0.18	< 0.17
108-95-2	Phenol	23,000	---	61,000	---	100	100	< 0.18	< 0.17
110-86-1	Pyridine	78*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.18	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	0.00005	< 0.026	< 0.025
87-86-5	Pentachlorophenol	3	---	520	---	0.03	0.14	< 0.026	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001438

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PCB)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-009	10050296-014	10050296-020
Client Sample ID :	GP-1 (6-8)	GP-9 (5-7)	GP-12 (3-5)	GP-17 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 12:10	05/10/2010 13:20	05/10/2010 15:40

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
12674-11-2	Aroclor 1016	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
11104-28-2	Aroclor 1221	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
11141-16-5	Aroclor 1232	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
53469-21-9	Aroclor 1242	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	[illegible]
12672-29-6	Aroclor 1248	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
11097-69-1	Aroclor 1254	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	0.5
11096-82-5	Aroclor 1260	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001439

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PCB)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-021
Client Sample ID : GP-18 (5-7)
Date Collected : 05/10/2010 16:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
12674-11-2	Aroclor 1016	1	---	1	---	---	---	< 0.093
11104-28-2	Aroclor 1221	1	---	1	---	---	---	< 0.093
11141-16-5	Aroclor 1232	1	---	1	---	---	---	< 0.093
53469-21-9	Aroclor 1242	1	---	1	---	---	---	< 0.093
12672-29-6	Aroclor 1248	1	---	1	---	---	---	< 0.093
11097-69-1	Aroclor 1254	1	---	1	---	---	---	< 0.093
11096-82-5	Aroclor 1260	1	---	1	---	---	---	< 0.093

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001440

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PEST)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-009	10050296-014	10050296-020
Client Sample ID :	GP-1 (6-8)	GP-9 (5-7)	GP-12 (3-5)	GP-17 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 12:10	05/10/2010 13:20	05/10/2010 15:40

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
72-54-8	4,4'-DDD	3	---	520	---	16	80	< 0.0019	< 0.0021	< 0.0017	< 0.0018
72-55-9	4,4'-DDE	2	---	370	---	54	270	< 0.0019	< 0.0021	< 0.0017	< 0.0018
50-29-3	4,4'-DDT	2	---	100	2,100	32	160	< 0.0019	< 0.0021	< 0.0017	< 0.0018
309-00-2	Aldrin	0.04	3	6.1	9.3	0.5	2.5	< 0.0019	< 0.0021	< 0.0017	< 0.0018
319-84-6	alpha-BHC	0.1	0.8	20	2.1	0.0005	0.003	< 0.0019	< 0.0021	< 0.0017	< 0.0018
5103-71-9	alpha-Chlordane							< 0.0019	< 0.0021	< 0.0017	< 0.0018
319-85-7	beta-BHC							< 0.0019	< 0.0021	< 0.0017	< 0.0018
57-74-9	Chlordane	1.8	72	100	22	10	48	< 0.04	< 0.044	< 0.034	< 0.037
319-86-8	delta-BHC							< 0.0019	< 0.0021	< 0.0017	< 0.0018
60-57-1	Dieldrin	0.04	1	7.8	3.1	0.004	0.02	< 0.0019	< 0.0021	< 0.0017	< 0.0018
959-98-8	Endosulfan I							< 0.0019	< 0.0021	< 0.0017	< 0.0018
33213-65-9	Endosulfan II							< 0.0019	< 0.0021	< 0.0017	< 0.0018
1031-07-8	Endosulfan sulfate							< 0.0019	< 0.0021	< 0.0017	< 0.0018
72-20-8	Endrin	23	---	61	---	1	5	< 0.0019	< 0.0021	< 0.0017	< 0.0018
7421-93-4	Endrin aldehyde							< 0.0019	< 0.0021	< 0.0017	< 0.0018
53494-70-5	Endrin ketone							< 0.0019	< 0.0021	< 0.0017	< 0.0018
58-89-9	gamma-BHC	0.5	---	96	---	0.009	0.047	< 0.0019	< 0.0021	< 0.0017	< 0.0018
5566-34-7	gamma-Chlordane							< 0.0019	< 0.0021	< 0.0017	< 0.0018
76-44-8	Heptachlor	0.1	0.1	28	16	23	110	< 0.0019	< 0.0021	< 0.0017	< 0.0018
1024-57-3	Heptachlor epoxide	0.07	5	2.7	13	0.7	3.3	< 0.0019	< 0.0021	< 0.0017	< 0.0018
72-43-5	Methoxychlor	390	---	1,000	---	160	780	< 0.0019	< 0.0021	< 0.0017	< 0.0018
8001-35-2	Toxaphene	0.6	89	110	240	31	150	< 0.04	< 0.044	< 0.034	< 0.037

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001441

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PEST)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-021
Client Sample ID : GP-18 (5-7)
Date Collected : 05/10/2010 16:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
72-54-8	4,4'-DDD	3	---	520	---	16	80	< 0.0019
72-55-9	4,4'-DDE	2	---	370	---	54	270	< 0.0019
50-29-3	4,4'-DDT	2	---	100	2,100	32	160	< 0.0019
309-00-2	Aldrin	0.04	3	6.1	9.3	0.5	2.5	< 0.0019
319-84-6	alpha-BHC	0.1	0.8	20	2.1	0.0005	0.003	< 0.0019
5103-71-9	alpha-Chlordane							< 0.0019
319-85-7	beta-BHC							< 0.0019
57-74-9	Chlordane	1.8	72	100	22	10	48	< 0.038
319-86-8	delta-BHC							< 0.0019
60-57-1	Dieldrin	0.04	1	7.8	3.1	0.004	0.02	< 0.0019
959-98-8	Endosulfan I							< 0.0019
33213-65-9	Endosulfan II							< 0.0019
1031-07-8	Endosulfan sulfate							< 0.0019
72-20-8	Endrin	23	---	61	---	1	5	< 0.0019
7421-93-4	Endrin aldehyde							< 0.0019
53494-70-5	Endrin ketone							< 0.0019
58-89-9	gamma-BHC	0.5	---	96	---	0.009	0.047	< 0.0019
5566-34-7	gamma-Chlordane							< 0.0019
76-44-8	Heptachlor	0.1	0.1	28	16	23	110	< 0.0019
1024-57-3	Heptachlor epoxide	0.07	5	2.7	13	0.7	3.3	< 0.0019
72-43-5	Methoxychlor	390	---	1,000	---	160	780	< 0.0019
8001-35-2	Toxaphene	0.6	89	110	240	31	150	< 0.038

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding t
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001442

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	10050296-005	10050296-007
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-5 (1-3)	GP-7 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:40

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	78,000*	1,000,000*	410,000*	870,000*			12000			
7440-36-0	Antimony	31	---	82	---			< 2.2			
7440-38-2	Arsenic	13.0/11.3	750	61	25,000			4.3	1.7	2.6	< 1.1
7440-39-3	Barium	5,500	690,000	14,000	870,000			68	18	430	17
7440-41-7	Beryllium	160	1,300	410	44,000			0.56			
7440-43-9	Cadmium	78	1,800	200	59,000			< 0.55	< 0.48	< 0.52	< 0.53
7440-70-2	Calcium	---	---	---	---			1600			
7440-47-3	Chromium	230	270	4,100	690			15	5.1	9.4	4.1
7440-48-4	Cobalt	4,700	---	12,000	---			5.3			
7440-50-8	Copper	2,900	---	8,200	---			6.4			
57-12-5	Cyanide	1,600	---	4,100	---			< 0.3			
7439-89-6	Iron	55,000*	---	140,000*	---			16000			
7439-92-1	Lead	400	---	700	---			12	3.2	20	1.9
7439-95-4	Magnesium	325,000	---	730,000	---			2500			
7439-96-5	Manganese	1,600	69,000	4,100	8,700			160			
7439-97-6	Mercury	23	10	61	0.1			< 0.023	< 0.026	< 0.027	< 0.026
7440-02-0	Nickel	1,600	13,000	4,100	440,000			11			
7440-09-7	Potassium	---	---	---	---			820			
7782-49-2	Selenium	390	---	1,000	---			< 1.1	< 0.95	< 1	< 1.1
7440-22-4	Silver	390	---	1,000	---			< 1.1	< 0.95	< 1	< 1.1
7440-23-5	Sodium	---	---	---	---			< 660			
7440-28-0	Thallium	6.3	---	160	---			< 1.1			
7440-62-2	Vanadium	550	---	1,400	---			33			
7440-66-6	Zinc	23,000	---	61,000	---			27			

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001443

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-009	10050296-013	10050296-014	10050296-017
Client Sample ID :	GP-9 (5-7)	GP-11 (5-7)	GP-12 (3-5)	GP-15 (1-3)
Date Collected :	05/10/2010 12:10	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 15:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	78,000*	1,000,000*	410,000*	870,000*			2400		3200	
7440-36-0	Antimony	31	---	82	---			< 4.9		< 1.8	
7440-38-2	Arsenic	13.0/11.3	750	61	25,000			1.7	4.1	1.8	3
7440-39-3	Barium	5,500	690,000	14,000	870,000			840	82	18	99
7440-41-7	Beryllium	160	1,300	410	44,000			< 0.62		< 0.45	
7440-43-9	Cadmium	78	1,800	200	59,000			< 0.62	< 0.44	< 0.45	< 0.52
7440-70-2	Calcium	---	---	---	---			12000		120000	
7440-47-3	Chromium	230	270	4,100	690			150	14	8.3	9.7
7440-48-4	Cobalt	4,700	—	12,000	---			63		2.1	
7440-50-8	Copper	2,900	—	8,200	—			45		4.9	
57-12-5	Cyanide	1,600	---	4,100	---			< 0.34		< 0.27	
7439-89-6	Iron	55,000*	---	140,000*	—			***200000***		7500	
7439-92-1	Lead	400	—	700	---			39	7.9	3.6	13
7439-95-4	Magnesium	325,000	---	730,000	—			11000		54000	
7439-96-5	Manganese	1,600	69,000	4,100	8,700			890		260	
7439-97-6	Mercury	23	10	61	0.1			< 0.026	< 0.028	< 0.019	< 0.025
7440-02-0	Nickel	1,600	13,000	4,100	440,000			230		7.1	
7440-09-7	Potassium	—	---	---	---			170		520	
7782-49-2	Selenium	390	—	1,000	---			< 1.2	< 0.87	< 0.89	< 1
7440-22-4	Silver	390	—	1,000	---			< 1.2	< 0.87	< 0.89	< 1
7440-23-5	Sodium	---	—	---	---			< 150		< 540	
7440-28-0	Thallium	6.3	—	160	---			< 1.2		< 0.89	
7440-62-2	Vanadium	550	—	1,400	---			11		14	
7440-66-6	Zinc	23,000	—	61,000	---			37		14	

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the C

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001444

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-020	10050296-021	10050296-022	10050296-023
Client Sample ID :	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)
Date Collected :	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	78,000*	1,000,000*	410,000*	870,000*			11000	13000		
7440-36-0	Antimony	31	---	82	---			< 2.2	< 2.2		
7440-38-2	Arsenic	13.0/11.3	750	61	25,000			3.8	5.1	3.8	3.2
7440-39-3	Barium	5,500	690,000	14,000	870,000			110	190	170	44
7440-41-7	Beryllium	160	1,300	410	44,000			< 0.54	0.7		
7440-43-9	Cadmium	78	1,800	200	59,000			< 0.54	< 0.55	< 0.56	< 0.54
7440-70-2	Calcium	---	---	---	---			27000	4400		
7440-47-3	Chromium	230	270	4,100	690			15	17	15	13
7440-48-4	Cobalt	4,700	---	12,000	---			8.6	6.6		
7440-50-8	Copper	2,900	---	8,200	---			8.5	12		
57-12-5	Cyanide	1,600	---	4,100	---			< 0.28	< 0.3		
7439-89-6	Iron	55,000*	---	140,000*	---			12000	16000		
7439-92-1	Lead	400	---	700	---			11	17	15	6.4
7439-95-4	Magnesium	325,000	---	730,000	---			13000	2400		
7439-96-5	Manganese	1,600	69,000	4,100	8,700			500	870		
7439-97-6	Mercury	23	10	61	0.1			< 0.021	< 0.023	< 0.026	< 0.027
7440-02-0	Nickel	1,600	13,000	4,100	440,000			34	12		
7440-09-7	Potassium	---	---	---	---			670	840		
7782-49-2	Selenium	390	---	1,000	---			< 1.1	< 1.1	< 1.1	< 1.1
7440-22-4	Silver	390	---	1,000	---			< 1.1	< 1.1	< 1.1	< 1.1
7440-23-5	Sodium	---	---	---	---			< 65	< 67		
7440-28-0	Thallium	6.3	---	160	---			< 1.1	< 1.1		
7440-62-2	Vanadium	550	---	1,400	---			25	31		
7440-66-6	Zinc	23,000	---	61,000	---			31	49		

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the C

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001445

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :								10050296-024	10050296-027	10050296-028	10050296-029
Client Sample ID :								GP-21 (8-10)	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)
Date Collected :								05/10/2010 16:50	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00
		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	78,000*	1,000,000*	410,000*	870,000*						
7440-36-0	Antimony	31	---	82	---						
7440-38-2	Arsenic	13.0/11.3	750	61	25,000			2.2	1.7	2.8	< 1.1
7440-39-3	Barium	5,500	690,000	14,000	870,000			30	28	110	10
7440-41-7	Beryllium	160	1,300	410	44,000						
7440-43-9	Cadmium	78	1,800	200	59,000			< 0.54	< 0.39	< 0.55	< 0.54
7440-70-2	Calcium	---	---	---	---						
7440-47-3	Chromium	230	270	4,100	690			10	11	17	3.8
7440-48-4	Cobalt	4,700	---	12,000	---						
7440-50-8	Copper	2,900	---	8,200	---						
57-12-5	Cyanide	1,600	---	4,100	---						
7439-89-6	Iron	55,000*	---	140,000*	---						
7439-92-1	Lead	400	---	700	---			5.1	4.4	9.4	2.4
7439-95-4	Magnesium	325,000	---	730,000	---						
7439-96-5	Manganese	1,600	69,000	4,100	8,700						
7439-97-6	Mercury	23	10	61	0.1			< 0.025	< 0.026	< 0.029	< 0.026
7440-02-0	Nickel	1,600	13,000	4,100	440,000						
7440-09-7	Potassium	---	---	---	---						
7782-49-2	Selenium	390	---	1,000	---			< 1.1	< 0.79	< 1.1	< 1.1
7440-22-4	Silver	390	---	1,000	---			< 1.1	< 0.79	< 1.1	< 1.1
7440-23-5	Sodium	---	---	---	---						
7440-28-0	Thallium	6.3	---	160	---						
7440-62-2	Vanadium	550	---	1,400	---						
7440-66-6	Zinc	23,000	---	61,000	---						

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Cl

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001446

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (TCLP)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-014	10050296-021	10050296-027	
Client Sample ID :	GP-1 (6-8)	GP-12 (3-5)	GP-18 (5-7)	GP-24 (3-5)	
Date Collected :	05/10/2010 09:00	05/10/2010 13:20	05/10/2010 16:00	05/10/2010 17:40	

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum							0.51		1.6	
7440-70-2	Calcium					---	---		580		
7439-89-6	Iron					5.0	5.0	4.2		1.1	
7439-95-4	Magnesium					---	---		85		
7439-96-5	Manganese					0.15	10.0			0.018	
7440-22-4	Silver					0.05	---		< 0.01		< 0.01

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001447

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SPLP)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-009	10050296-020	10050296-024
Client Sample ID :	GP-1 (6-8)	GP-9 (5-7)	GP-17 (4-6)	GP-21 (8-10)
Date Collected :	05/10/2010 09:00	05/10/2010 12:10	05/10/2010 15:40	05/10/2010 16:50

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum									4.8	
7440-70-2	Calcium					---	---		5.9	7.5	
7440-47-3	Chromium					0.1	1.0		< 0.01		
7440-48-4	Cobalt					1.0	1.0		0.019		
7439-89-6	Iron					5.0	5.0		3		
7439-95-4	Magnesium					---	---		3	2.2	
7439-96-5	Manganese					0.15	10.0		0.02		
7440-22-4	Silver					0.05	---				< 0.004
7440-23-5	Sodium					---	---	9.3	< 5		

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001448

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SPLP)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-029
Client Sample ID : GP-26 (2-4)
Date Collected : 05/10/2010 19:00

		Residential Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
7429-90-5	Aluminum							
7440-70-2	Calcium					---	---	
7440-47-3	Chromium					0.1	1.0	
7440-48-4	Cobalt					1.0	1.0	
7439-89-6	Iron					5.0	5.0	
7439-95-4	Magnesium					---	---	
7439-96-5	Manganese					0.15	10.0	
7440-22-4	Silver					0.05	---	< 0.004
7440-23-5	Sodium					---	---	

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

R 001449

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-028
Client Sample ID : GP-25 (2-4)
Date Collected : 05/10/2010 18:30
pH = 7.16

	Residential Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values		
	Ingestion	Inhalation	Class I	Class II	
INORG Analyte	pH Range 6.9 to 7.24				
Arsenic	13.0/11.3	750	29	120	2.8
Barium	5,500	690,000	1,700	1,700	110
Cadmium	78	1,800	11	110	< 0.55
Chromium	230	270	36	No Data	17
Lead	400	---	107	1,420	9.4
Mercury	23	10 / 0.1*	3.3	16	< 0.029
Selenium	390	---	4.5	4.5	< 1.1
Silver	390	---	13		< 1.1

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.
* - Construction Worker Inhalation Objective from Appendix B, Table B.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	10050296-013	10050296-021	10050296-022				
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-11 (5-7)	GP-18 (5-7)	GP-19 (2-4)				
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 13:00	05/10/2010 16:00	05/10/2010 16:20				
	pH = 7.4	pH = 7.38	pH = 7.52	pH = 7.55	pH = 7.69				

	Residential Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values						
	Ingestion	Inhalation	Class I	Class II					
INORG Analyte	pH Range 7.25 to 7.74								
Aluminum	78,000	1,000,000			12000			13000	
Antimony	31	---	5	20	< 2.2			< 2.2	
Arsenic	13.0/11.3	750	30	120	4.3	1.7	4.1	5.1	3.8
Barium	5,500	690,000	1,800	1,800	68	18	82	190	170
Beryllium	160	1,300	1,000	130,000	0.56			0.7	
Cadmium	78	1,800	59	590	< 0.55	< 0.48	< 0.44	< 0.55	< 0.56
Calcium	---	---			1600			4400	
Chromium	230	270	32	No Data	15	5.1	14	17	15
Cobalt	4,700	---	See TCLP/SPLP	See TCLP/SPLP	5.3			6.6	
Copper	2,900	---	330,000	330,000	6.4			12	
Cyanide	1,600	---	40	120	< 0.3			< 0.3	
Iron	55,000	---	See TCLP/SPLP	See TCLP/SPLP	16000			16000	
Lead	400	---	107	1,420	12	3.2	7.9	17	15
Magnesium	325,000	---			2500			2400	
Manganese	1,600	69,000 / 8,700*	See TCLP/SPLP	See TCLP/SPLP	160			870	
Mercury	23	10 / 0.1*	6.4	32	< 0.023	< 0.026	< 0.028	< 0.023	< 0.026
Nickel	1,600	13,000	700	14,000	11			12	
Potassium	---	---			820			840	
Selenium	390	---	3.3	3.3	< 1.1	< 0.95	< 0.87	< 1.1	< 1.1
Silver	390	---	39		< 1.1	< 0.95	< 0.87	< 1.1	< 1.1
Sodium	---	---			< 660			< 67	
Thallium	6.3	---	3.4	34	< 1.1			< 1.1	
Vanadium	550	---	980	See TCLP/SPLP	33			31	
Zinc	23,000	---	16,000	32,000	27			49	

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.
* - Construction Worker Inhalation Objective from Appendix B, Table B.

R 001451

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-005	10050296-007	10050296-009	10050296-017	10050296-020				
Client Sample ID :	GP-5 (1-3)	GP-7 (4-6)	GP-9 (5-7)	GP-15 (1-3)	GP-17 (4-6)				
Date Collected :	05/10/2010 11:00	05/10/2010 11:40	05/10/2010 12:10	05/10/2010 15:00	05/10/2010 15:40				
	pH = 7.83	pH = 8.04	pH = 8.14	pH = 7.84	pH = 7.98				

	Residential Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Value						
	Ingestion	Inhalation	Class I	Class II					
INORG Analyte	pH Range 7.75 to 8.24								
Aluminum	78,000	1,000,000					2400		11000
Antimony	31	---	5	20			< 4.9		< 2.2
Arsenic	13.0/11.3	750	31	120	2.6	< 1.1	1.7	3	3.8
Barium	5,500	690,000	2,100	2,100	430	17	840	99	110
Beryllium	160	1,300	8,000	1,000,000			< 0.62		< 0.54
Cadmium	78	1,800	430	4,300	< 0.52	< 0.53	< 0.62	< 0.52	< 0.54
Calcium	---	---					12000		27000
Chromium	230	270	28	No Data	9.4	4.1	150	9.7	15
Cobalt	4,700	---	See TCLP/SPLP	See TCLP/SPLP			63		8.6
Copper	2,900	---	330,000	330,000			45		8.5
Cyanide	1,600	---	40	120			< 0.34		< 0.28
Iron	55,000	---	See TCLP/SPLP	See TCLP/SPLP			200000		12000
Lead	400	---	107	1,420	20	1.9	39	13	11
Magnesium	325,000	---					11000		13000
Manganese	1,600	69,000 / 8,700*	See TCLP/SPLP	See TCLP/SPLP			890		500
Mercury	23	10 / 0.1*	8.0	40	< 0.027	< 0.026	< 0.026	< 0.025	< 0.021
Nickel	1,600	13,000	3,800	76,000			230		34
Potassium	---	---					170		670
Selenium	390	---	2.4	2.4	< 1	< 1.1	< 1.2	< 1	< 1.1
Silver	390	---	110		< 1	< 1.1	< 1.2	< 1	< 1.1
Sodium	---	---					< 150		< 65
Thallium	6.3	---	3.8	38			< 1.2		< 1.1
Vanadium	550	---	980	See TCLP/SPLP			11		25
Zinc	23,000	---	53,000	110,000			37		31

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.
* - Construction Worker Inhalation Objective from Appendix B, Table B.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-023
Client Sample ID : GP-20 (8.5-9.5)
Date Collected : 05/10/2010 16:35
pH = 8

	Residential Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values		
INORG Analyte	Ingestion	Inhalation	Class I	Class II	
	pH Range 7.75 to 8.24				
Aluminum	78,000	1,000,000			
Antimony	31	---	5	20	
Arsenic	13.0/11.3	750	31	120	3.2
Barium	5,500	690,000	2,100	2,100	44
Beryllium	160	1,300	8,000	1,000,000	
Cadmium	78	1,800	430	4,300	< 0.54
Calcium	---	---			
Chromium	230	270	28	No Data	13
Cobalt	4,700	---	See TCLP/SPLP	See TCLP/SPLP	
Copper	2,900	---	330,000	330,000	
Cyanide	1,600	---	40	120	
Iron	55,000	---	See TCLP/SPLP	See TCLP/SPLP	
Lead	400	---	107	1,420	6.4
Magnesium	325,000	---			
Manganese	1,600	69,000 / 8,700*	See TCLP/SPLP	See TCLP/SPLP	
Mercury	23	10 / 0.1*	8.0	40	< 0.027
Nickel	1,600	13,000	3,800	76,000	
Potassium	---	---			
Selenium	390	---	2.4	2.4	< 1.1
Silver	390	---	110		< 1.1
Sodium	---	---			
Thallium	6.3	---	3.8	38	
Vanadium	550	---	980	See TCLP/SPLP	
Zinc	23,000	---	53,000	110,000	

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.
* - Construction Worker Inhalation Objective from Appendix B, Table B.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-014	10050296-024	10050296-027	10050296-029
Client Sample ID :	GP-12 (3-5)	GP-21 (8-10)	GP-24 (3-5)	GP-26 (2-4)
Date Collected :	05/10/2010 13:20	05/10/2010 16:50	05/10/2010 17:40	05/10/2010 19:00
	pH = 8.45	pH = 8.45	pH = 8.34	pH = 8.56

	Residential Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values					
	Ingestion	Inhalation	Class I	Class II				
INORG Analyte	pH Range 8.25 to 8.74							
Aluminum	78,000	1,000,000			3200			
Antimony	31	—	5	20	< 1.8			
Arsenic	13.0/11.3	750	32	130	1.8	2.2	1.7	< 1.1
Barium	5,500	690,000	NDA	NDA	18	30	28	10
Beryllium	160	1,300	NDA	NDA	< 0.45			
Cadmium	78	1,800	NDA	NDA	< 0.45	< 0.54	< 0.39	< 0.54
Calcium	---	---			120000			
Chromium	230	270	24	No Data	8.3	10	11	3.8
Cobalt	4,700	—	See TCLP/SPLP	See TCLP/SPLP	2.1			
Copper	2,900	—	NDA	NDA	4.9			
Cyanide	1,600	—	40	120	< 0.27			
Iron	55,000	---	See TCLP/SPLP	See TCLP/SPLP	7500			
Lead	400	---	107	1,420	3.6	5.1	4.4	2.4
Magnesium	325,000	---			54000			
Manganese	1,600	69,000 / 8,700*	See TCLP/SPLP	See TCLP/SPLP	260			
Mercury	23	10 / 0.1*	NDA	NDA	< 0.019	< 0.025	< 0.026	< 0.026
Nickel	1,600	13,000	NDA	NDA	7.1			
Potassium	---	---			520			
Selenium	390	---	1.8	1.8	< 0.89	< 1.1	< 0.79	< 1.1
Silver	390	—	NDA		< 0.89	< 1.1	< 0.79	< 1.1
Sodium	---	---			< 540			
Thallium	6.3	---	4.4	44	< 0.89			
Vanadium	550	---	980	See TCLP/SPLP	14			
Zinc	23,000	---	NDA	NDA	14			

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table A.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.
* - Construction Worker Inhalation Objective from Appendix B, Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

		Laboratory ID :	10050296-001	10050296-004	10050296-005	10050296-007	10050296-009	10050296-013	10050296-014
		Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-5 (1-3)	GP-7 (4-6)	GP-9 (5-7)	GP-11 (5-7)	GP-12 (3-5)
		Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:40	05/10/2010 12:10	05/10/2010 13:00	05/10/2010 13:20
		Concentration of Chemicals in Background Soils							
	Analyte	City of Chicago	Within MSA	Outside MSA							
PNA	Acenaphthene	0.09	0.13	0.04	< 0.027	< 0.024	< 0.025	< 0.024	0.31	< 0.025	< 0.024
	Acenaphthylene	0.03	0.07	0.04	< 0.027	< 0.024	< 0.025	< 0.024	0.36	< 0.025	< 0.024
	Anthracene	0.25	0.40	0.14	< 0.027	< 0.024	< 0.025	< 0.024	0.057	< 0.025	< 0.024
	Benz(a)anthracene	1.1	1.8	0.72	< 0.027	< 0.024	0.047	< 0.024	0.053	< 0.025	< 0.024
	Benzo(a)pyrene	1.3	2.1	0.98	< 0.027	< 0.024	0.044	< 0.024	0.15	< 0.025	< 0.024
	Benzo(b)fluoranthene	1.5	2.1	0.70	< 0.027	< 0.024	0.052	< 0.024	0.12	< 0.025	< 0.024
	Benzo(g,h,i)perylene	0.68	1.7	0.84	< 0.027	< 0.024	0.026	< 0.024	0.17	< 0.025	< 0.024
	Benzo(k)fluoranthene	1.0	1.7	0.63	< 0.027	< 0.024	0.038	< 0.024	0.097	< 0.025	< 0.024
	Chrysene	1.2	2.7	1.1	< 0.027	< 0.024	0.051	< 0.024	0.053	< 0.025	< 0.024
	Dibenz(a,h)anthracene	0.20	0.42	0.15	< 0.027	< 0.024	< 0.025	< 0.024	< 0.04	< 0.025	< 0.024
	Fluoranthene	2.7	4.1	1.8	< 0.027	< 0.024	0.11	< 0.024	0.12	< 0.025	< 0.024
	Fluorene	0.10	0.18	0.04	< 0.027	< 0.024	< 0.025	< 0.024	0.53	< 0.025	< 0.024
	Indeno(1,2,3-cd)pyrene	0.86	1.6	0.51	< 0.027	< 0.024	0.026	< 0.024	0.19	< 0.025	< 0.024
	Naphthalene	0.04	0.20	0.17	< 0.027	< 0.024	< 0.025	< 0.024	< 3	< 0.025	< 0.024
	Phenanthrene	1.3	2.5	0.99	< 0.027	< 0.024	0.04	< 0.024	0.3	< 0.025	< 0.024
	Pyrene	1.9	3.0	1.2	< 0.027	< 0.024	0.092	< 0.024	0.11	< 0.025	< 0.024
INORG	Aluminum		9,500	9,200	12000				2400		3200
	Antimony		4.0	3.3	< 2.2				< 4.9		< 1.8
	Arsenic		13.0	11.3	4.3	1.7	2.6	< 1.1	1.7	4.1	1.8
	Barium		110	122	68	18	430	17	240	82	18
	Beryllium		0.59	0.56	0.56				< 0.62		< 0.45
	Cadmium		0.6	0.50	< 0.55	< 0.48	< 0.52	< 0.53	< 0.62	< 0.44	< 0.45
	Calcium		9,300	5,525	1600				12000		120000
	Chromium		16.2	13.0	15	5.1	9.4	4.1	150	14	8.3
	Cobalt		8.9	8.9	5.3				63		2.1
	Copper		19.6	12.0	6.4				45		4.9
	Cyanide		0.51	0.50	< 0.3				< 0.34		< 0.27
	Iron		15,900	15,000	18000				20000		7500
	Lead		36.0	20.9	12	3.2	20	1.9	39	7.9	3.6
	Magnesium		4,820	2,700	2500				11000		54000
	Manganese		636	630	160				890		260
	Mercury		0.06	0.05	< 0.023	< 0.026	< 0.027	< 0.026	< 0.026	< 0.028	< 0.019
	Nickel		18.0	13.0	11				250		7.1
	Potassium		1,268	1,100	820				170		520
	Selenium		0.48	0.37	< 1.1	< 0.95	< 1	< 1.1	< 1.2	< 0.87	< 0.89
	Silver		0.55	0.50	< 1.1	< 0.95	< 1	< 1.1	< 1.2	< 0.87	< 0.89
	Sodium		130	130.0	< 660				< 150		< 540
	Thallium		0.32	0.42	< 1.1				< 1.2		< 0.89
	Vanadium		25.2	25.0	33				11		14
	Zinc		95.0	60.2	27				37		14

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd.
Project: Marengo S-10
Laboratory: STAT ANALYSIS

		Concentration of Chemicals in Background Soils									
	Analyte	City of Chicago	Within MSA	Outside MSA							
	Laboratory ID :				10050296-017	10050296-020	10050296-021	10050296-022	10050296-023	10050296-024	10050296-027
	Client Sample ID :				GP-15 (1-3)	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)	GP-21 (8-10)	GP-24 (3-5)
	Date Collected :				05/10/2010 15:00	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35	05/10/2010 16:50	05/10/2010 17:40
PNA	Acenaphthene	0.09	0.13	0.04	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Acenaphthylene	0.03	0.07	0.04	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Anthracene	0.25	0.40	0.14	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benz(a)anthracene	1.1	1.8	0.72	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(a)pyrene	1.3	2.1	0.98	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(b)fluoranthene	1.5	2.1	0.70	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(g,h,i)perylene	0.68	1.7	0.84	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(k)fluoranthene	1.0	1.7	0.63	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Chrysene	1.2	2.7	1.1	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Dibenz(a,h)anthracene	0.20	0.42	0.15	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Fluoranthene	2.7	4.1	1.8	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Fluorene	0.10	0.18	0.04	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Indeno(1,2,3-cd)pyrene	0.86	1.6	0.51	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Naphthalene	0.04	0.20	0.17	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Phenanthrene	1.3	2.5	0.99	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Pyrene	1.9	3.0	1.2	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
INORG	Aluminum		9,500	9,200		11000	13000				
	Antimony		4.0	3.3		< 2.2	< 2.2				
	Arsenic		13.0	11.3	3	3.8	5.1	3.8	3.2	2.2	1.7
	Barium		110	122	99	110	150	170	44	30	28
	Beryllium		0.59	0.56		< 0.54	1.07				
	Cadmium		0.6	0.50	< 0.52	< 0.54	< 0.55	< 0.56	< 0.54	< 0.54	< 0.39
	Calcium		9,300	5,525		27000	4400				
	Chromium		16.2	13.0	9.7	15	17	15	13	10	11
	Cobalt		8.9	8.9		8.6	6.6				
	Copper		19.6	12.0		8.5	12				
	Cyanide		0.51	0.50		< 0.28	< 0.3				
	Iron		15,900	15,000		12000	16000				
	Lead		36.0	20.9	13	11	17	15	6.4	5.1	4.4
	Magnesium		4,820	2,700		13000	2400				
	Manganese		636	630		500	670				
	Mercury		0.06	0.05	< 0.025	< 0.021	< 0.023	< 0.026	< 0.027	< 0.025	< 0.026
	Nickel		18.0	13.0		34	12				
	Potassium		1,268	1,100		670	840				
	Selenium		0.48	0.37	< 1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.79
	Silver		0.55	0.50	< 1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.79
	Sodium		130	130.0		< 65	< 67				
	Thallium		0.32	0.42		< 1.1	< 1.1				
	Vanadium		25.2	25.0		25	31				
	Zinc		95.0	60.2		31	49				

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-028	10050296-029	
Client Sample ID :	GP-25 (2-4)	GP-26 (2-4)	
Date Collected :	05/10/2010 18:30	05/10/2010 19:00	

	Analyte	Concentration of Chemicals in Background Soils				
		City of Chicago	Within MSA	Outside MSA		
PNA	Acenaphthene	0.09	0.13	0.04	< 0.026	< 0.025
	Acenaphthylene	0.03	0.07	0.04	< 0.026	< 0.025
	Anthracene	0.25	0.40	0.14	< 0.026	< 0.025
	Benz(a)anthracene	1.1	1.8	0.72	< 0.026	< 0.025
	Benzo(a)pyrene	1.3	2.1	0.98	< 0.026	< 0.025
	Benzo(b)fluoranthene	1.5	2.1	0.70	< 0.026	< 0.025
	Benzo(g,h,i)perylene	0.68	1.7	0.84	< 0.026	< 0.025
	Benzo(k)fluoranthene	1.0	1.7	0.63	< 0.026	< 0.025
	Chrysene	1.2	2.7	1.1	< 0.026	< 0.025
	Dibenz(a,h)anthracene	0.20	0.42	0.15	< 0.026	< 0.025
	Fluoranthene	2.7	4.1	1.8	< 0.026	< 0.025
	Fluorene	0.10	0.18	0.04	< 0.026	< 0.025
	Indeno(1,2,3-cd)pyrene	0.86	1.6	0.51	< 0.026	< 0.025
	Naphthalene	0.04	0.20	0.17	< 0.026	< 0.025
	Phenanthrene	1.3	2.5	0.99	< 0.026	< 0.025
	Pyrene	1.9	3.0	1.2	< 0.026	< 0.025
INORG	Aluminum		9,500	9,200		
	Antimony		4.0	3.3		
	Arsenic		13.0	11.3	2.8	< 1.1
	Barium		110	122	110	10
	Beryllium		0.59	0.56		
	Cadmium		0.6	0.50	< 0.55	< 0.54
	Calcium		9,300	5,525		
	Chromium		16.2	13.0	10	3.8
	Cobalt		8.9	8.9		
	Copper		19.6	12.0		
	Cyanide		0.51	0.50		
	Iron		15,900	15,000		
	Lead		36.0	20.9	9.4	2.4
	Magnesium		4,820	2,700		
	Manganese		636	630		
	Mercury		0.06	0.05	< 0.029	< 0.026
	Nickel		18.0	13.0		
	Potassium		1,268	1,100		
	Selenium		0.48	0.37	< 1.1	< 1.1
	Silver		0.55	0.50	< 1.1	< 1.1
	Sodium		130	130.0		
	Thallium		0.32	0.42		
	Vanadium		25.2	25.0		
	Zinc		95.0	60.2		

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Soil Saturation Limits)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :			10050296-001	10050296-002	10050296-003	10050296-004	10050296-005	10050296-006	10050296-007	10050296-008
Client Sample ID :			GP-1 (6-8)	GP-2 (4-6)	GP-3 (4-6)	GP-4 (3-5)	GP-5 (1-3)	GP-6 (5-7)	GP-7 (4-6)	GP-8 (2-4)
Date Collected :			05/10/2010 09:00	05/10/2010 09:30	05/10/2010 10:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:15	05/10/2010 11:40	05/10/2010 12:00
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point < 30°C (C_{sat})							
VOC	67-64-1	Acetone	100,000	< 0.071	0.13	< 0.073	< 0.077	< 0.072	< 0.064	< 0.072	< 0.07
	71-43-2	Benzene	870	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-27-4	Bromodichloromethane	3,000	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-25-2	Bromoform	1,900	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	74-83-9	Bromomethane	3,200	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096	< 0.0085	< 0.0096	< 0.0093
	75-15-0	Carbon disulfide	720	< 0.048	< 0.044	< 0.049	< 0.051	< 0.048	< 0.043	< 0.048	< 0.046
	56-23-5	Carbon tetrachloride	1,100	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	108-90-7	Chlorobenzene	680	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	67-66-3	Chloroform	2,900	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	124-48-1	Dibromochloromethane	1,300	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-34-3	1,1-Dichloroethane	1,700	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	107-06-2	1,2-Dichloroethane	1,800	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-35-4	1,1-Dichloroethene	1,500	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	78-87-5	1,2-Dichloropropane	1,100	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019	< 0.0017	< 0.0019	< 0.0019
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019	< 0.0017	< 0.0019	< 0.0019
	100-41-4	Ethylbenzene	400	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-09-2	Methylene chloride	2,400	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096	< 0.0085	< 0.0096	< 0.0093
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	100-42-5	Styrene	1,500	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	127-18-4	Tetrachloroethene	240	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	108-88-3	Toluene	650	< 0.0048	< 0.0044	< 0.0049	0.0096	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	71-55-6	1,1,1-Trichloroethane	1,200	< 0.0048	< 0.0044	0.0055	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	79-01-6	Trichloroethene	1,300	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-01-4	Vinyl chloride	1,200	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	1330-20-7	Xylenes, Total	320	< 0.014	< 0.013	< 0.015	< 0.015	< 0.014	< 0.013	< 0.014	< 0.014
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200	< 0.19			< 0.16	< 0.17		< 0.17	
	95-50-1	1,2-Dichlorobenzene	560	< 0.19			< 0.16	< 0.17		< 0.17	
	95-57-8	2-Chlorophenol	53,000	< 0.19			< 0.16	< 0.17		< 0.17	
	111-44-4	Bis(2-chloroethyl)ether	3,300	< 0.19			< 0.16	< 0.17		< 0.17	
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000	< 0.19			< 0.16	< 0.17		< 0.17	
	85-68-7	Butyl benzyl phthalate	930	< 0.19			< 0.16	< 0.17		< 0.17	
	84-74-2	Di-n-butyl phthalate	2,300	< 0.19			< 0.16	< 0.17		< 0.17	
	117-84-0	Di-n-octyl phthalate	10,000	< 0.19			< 0.16	< 0.17		< 0.17	
	84-66-2	Diethyl phthalate	2,000	< 0.19			< 0.16	< 0.17		< 0.17	
	77-47-4	Hexachlorocyclopentadiene	2,200	< 0.19			< 0.16	< 0.17		< 0.17	
	78-59-1	Isophorone	4,600	< 0.19			< 0.16	< 0.17		< 0.17	
	98-95-3	Nitrobenzene	1,000	< 0.19			< 0.16	< 0.17		< 0.17	

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Soil Saturation Limits)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :			10050296-009	10050296-011	10050296-012	10050296-013	10050296-014	10050296-015	10050296-016	10050296-017
Client Sample ID :			GP-9 (5-7)	GP-10 (2-4)	GP-11 (1-3)	GP-11 (5-7)	GP-12 (3-5)	GP-13 (4-6)	GP-14 (3-5)	GP-15 (1-3)
Date Collected :			05/10/2010 12:10	05/10/2010 12:45	05/10/2010 13:00	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 13:40	05/10/2010 14:10	05/10/2010 15:00
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point < 30°C (C_{sat})								
VOC	67-64-1	Acetone	100,000	< 0.062	< 0.067	< 0.065	< 0.069	< 0.067	< 0.065	0.084	< 0.07
	71-43-2	Benzene	870	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-27-4	Bromodichloromethane	3,000	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-25-2	Bromoform	1,900	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	74-83-9	Bromomethane	3,200	< 0.0083	< 0.0089	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098	< 0.0093
	75-15-0	Carbon disulfide	720	< 0.041	< 0.045	< 0.043	< 0.046	< 0.045	< 0.043	< 0.049	< 0.047
	56-23-5	Carbon tetrachloride	1,100	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	108-90-7	Chlorobenzene	680	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	67-66-3	Chloroform	2,900	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	124-48-1	Dibromochloromethane	1,300	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-34-3	1,1-Dichloroethane	1,700	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	107-06-2	1,2-Dichloroethane	1,800	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-35-4	1,1-Dichloroethene	1,500	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	78-87-5	1,2-Dichloropropane	1,100	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0017	< 0.0018	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002	< 0.0019
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0017	< 0.0018	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002	< 0.0019
	100-41-4	Ethylbenzene	400	0.0063	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-09-2	Methylene chloride	2,400	< 0.0083	< 0.0089	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098	< 0.0093
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	100-42-5	Styrene	1,500	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	127-18-4	Tetrachloroethene	240	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	108-88-3	Toluene	650	< 0.0041	< 0.0045	0.0067	< 0.0046	0.0063	< 0.0043	< 0.0049	< 0.0047
	71-55-6	1,1,1-Trichloroethane	1,200	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	79-01-6	Trichloroethene	1,300	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-01-4	Vinyl chloride	1,200	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	1330-20-7	Xylenes, Total	320	0.033	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.015	< 0.014
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200	< 0.21			< 0.17	< 0.16			< 0.17
	95-50-1	1,2-Dichlorobenzene	560	< 0.21			< 0.17	< 0.16			< 0.17
	95-57-8	2-Chlorophenol	53,000	< 0.21			< 0.17	< 0.16			< 0.17
	111-44-4	Bis(2-chloroethyl)ether	3,300	< 0.21			< 0.17	< 0.16			< 0.17
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000	< 0.21			< 0.17	< 0.16			< 0.17
	85-68-7	Butyl benzyl phthalate	930	< 0.21			< 0.17	< 0.16			< 0.17
	84-74-2	Di-n-butyl phthalate	2,300	< 0.21			< 0.17	< 0.16			< 0.17
	117-84-0	Di-n-octyl phthalate	10,000	< 0.21			< 0.17	< 0.16			< 0.17
	84-66-2	Diethyl phthalate	2,000	< 0.21			< 0.17	< 0.16			< 0.17
	77-47-4	Hexachlorocyclopentadiene	2,200	< 0.21			< 0.17	< 0.16			< 0.17
	78-59-1	Isophorone	4,600	< 0.21			< 0.17	< 0.16			< 0.17
	98-95-3	Nitrobenzene	1,000	< 0.21			< 0.17	< 0.16			< 0.17

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Soil Saturation Limits)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :			10050296-018	10050296-019	10050296-020	10050296-021	10050296-022	10050296-023	10050296-024	10050296-025
Client Sample ID :			GP-15 (6-8)	GP-16 (2-4)	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)	GP-21 (8-10)	GP-22 (2-4)
Date Collected :			05/10/2010 15:00	05/10/2010 15:20	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35	05/10/2010 16:50	05/10/2010 17:10
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point < 30°C (C_{sat})							
VOC	67-64-1	Acetone	100,000	< 0.083	< 0.06	< 0.077	< 0.079	< 0.077	< 0.064	< 0.054	0.082
	71-43-2	Benzene	870	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-27-4	Bromodichloromethane	3,000	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-25-2	Bromoform	1,900	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	74-83-9	Bromomethane	3,200	< 0.011	< 0.008	< 0.01	< 0.011	< 0.01	< 0.0085	< 0.0072	< 0.01
	75-15-0	Carbon disulfide	720	< 0.056	< 0.04	< 0.052	< 0.053	< 0.051	< 0.042	< 0.036	< 0.052
	56-23-5	Carbon tetrachloride	1,100	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	108-90-7	Chlorobenzene	680	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	67-66-3	Chloroform	2,900	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	124-48-1	Dibromochloromethane	1,300	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-34-3	1,1-Dichloroethane	1,700	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	107-06-2	1,2-Dichloroethane	1,800	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-35-4	1,1-Dichloroethene	1,500	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	78-87-5	1,2-Dichloropropane	1,100	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0022	< 0.0016	< 0.0021	< 0.0021	< 0.002	< 0.0017	< 0.0014	< 0.0021
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0022	< 0.0016	< 0.0021	< 0.0021	< 0.002	< 0.0017	< 0.0014	< 0.0021
	100-41-4	Ethylbenzene	400	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-09-2	Methylene chloride	2,400	< 0.011	< 0.008	< 0.01	< 0.011	< 0.01	< 0.0085	< 0.0072	< 0.01
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	100-42-5	Styrene	1,500	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	127-18-4	Tetrachloroethene	240	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	108-88-3	Toluene	650	< 0.0056	0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	71-55-6	1,1,1-Trichloroethane	1,200	< 0.0056	< 0.004	0.0069	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	79-01-6	Trichloroethene	1,300	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-01-4	Vinyl chloride	1,200	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	1330-20-7	Xylenes, Total	320	< 0.017	< 0.012	< 0.015	< 0.016	< 0.015	< 0.013	< 0.011	< 0.015
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200			< 0.17	< 0.18	< 0.17		< 0.17	
	95-50-1	1,2-Dichlorobenzene	560			< 0.17	< 0.18	< 0.17		< 0.17	
	95-57-8	2-Chlorophenol	53,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	111-44-4	Bis(2-chloroethyl)ether	3,300			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	85-68-7	Butyl benzyl phthalate	930			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	84-74-2	Di-n-butyl phthalate	2,300			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	117-84-0	Di-n-octyl phthalate	10,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	84-66-2	Diethyl phthalate	2,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	77-47-4	Hexachlorocyclopentadiene	2,200			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	78-59-1	Isophorone	4,600			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	98-95-3	Nitrobenzene	1,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

			Laboratory ID :	10050296-026	10050296-027	10050296-028	10050296-029
			Client Sample ID :	GP-23 (5-7)	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)
			Date Collected :	05/10/2010 17:35	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point < 30°C (C_{sat})				
VOC	67-64-1	Acetone	100,000	< 0.067	< 0.06	< 0.076	< 0.07
	71-43-2	Benzene	870	< 0.0044	< 0.004	< 0.005	0.0059
	75-27-4	Bromodichloromethane	3,000	< 0.0044	< 0.004	< 0.005	< 0.0047
	75-25-2	Bromoform	1,900	< 0.0044	< 0.004	< 0.005	< 0.0047
	74-83-9	Bromomethane	3,200	< 0.0089	< 0.008	< 0.01	< 0.0093
	75-15-0	Carbon disulfide	720	< 0.044	< 0.04	< 0.05	< 0.047
	56-23-5	Carbon tetrachloride	1,100	< 0.0044	< 0.004	< 0.005	< 0.0047
	108-90-7	Chlorobenzene	680	< 0.0044	< 0.004	< 0.005	< 0.0047
	67-66-3	Chloroform	2,900	< 0.0044	< 0.004	< 0.005	< 0.0047
	124-48-1	Dibromochloromethane	1,300	< 0.0044	< 0.004	< 0.005	< 0.0047
	75-34-3	1,1-Dichloroethane	1,700	< 0.0044	< 0.004	< 0.005	< 0.0047
	107-06-2	1,2-Dichloroethane	1,800	< 0.0044	< 0.004	< 0.005	< 0.0047
	75-35-4	1,1-Dichloroethene	1,500	< 0.0044	< 0.004	< 0.005	< 0.0047
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0044	< 0.004	< 0.005	< 0.0047
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0044	< 0.004	< 0.005	< 0.0047
	78-87-5	1,2-Dichloropropane	1,100	< 0.0044	< 0.004	< 0.005	< 0.0047
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0018	< 0.0016	< 0.002	< 0.0019
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0018	< 0.0016	< 0.002	< 0.0019
	100-41-4	Ethylbenzene	400	< 0.0044	< 0.004	< 0.005	< 0.0047
	75-09-2	Methylene chloride	2,400	< 0.0089	< 0.008	< 0.01	< 0.0093
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0044	< 0.004	< 0.005	< 0.0047
	100-42-5	Styrene	1,500	< 0.0044	< 0.004	< 0.005	< 0.0047
	127-18-4	Tetrachloroethene	240	0.013	< 0.004	< 0.005	< 0.0047
	108-88-3	Toluene	650	0.0045	0.0053	< 0.005	0.011
	71-55-6	1,1,1-Trichloroethane	1,200	0.0068	< 0.004	< 0.005	< 0.0047
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0044	< 0.004	< 0.005	< 0.0047
	79-01-6	Trichloroethene	1,300	< 0.0044	< 0.004	< 0.005	< 0.0047
	75-01-4	Vinyl chloride	1,200	< 0.0044	< 0.004	< 0.005	< 0.0047
	1330-20-7	Xylenes, Total	320	< 0.013	< 0.012	< 0.015	< 0.014
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200		< 0.17	< 0.18	< 0.17
	95-50-1	1,2-Dichlorobenzene	560		< 0.17	< 0.18	< 0.17
	95-57-8	2-Chlorophenol	53,000		< 0.17	< 0.18	< 0.17
	111-44-4	Bis(2-chloroethyl)ether	3,300		< 0.17	< 0.18	< 0.17
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000		< 0.17	< 0.18	< 0.17
	85-68-7	Butyl benzyl phthalate	930		< 0.17	< 0.18	< 0.17
	84-74-2	Di-n-butyl phthalate	2,300		< 0.17	< 0.18	< 0.17
	117-84-0	Di-n-octyl phthalate	10,000		< 0.17	< 0.18	< 0.17
	84-66-2	Diethyl phthalate	2,000		< 0.17	< 0.18	< 0.17
	77-47-4	Hexachlorocyclopentadiene	2,200		< 0.17	< 0.18	< 0.17
	78-59-1	Isophorone	4,600		< 0.17	< 0.18	< 0.17
	98-95-3	Nitrobenzene	1,000		< 0.17	< 0.18	< 0.17

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.

TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Test	Chemical	Sample Number	Concentration Detected (ppm)	TACO Tier 1 RO (mg/Kg)	Exposure Pathway
PNA	Acenaphthene	GP-9 (5-7)	0.31	0.13	Within MSA Background
				0.04	Outside MSA Background
				0.09	City of Chicago Background
PNA	Acenaphthylene	GP-9 (5-7)	0.36	0.07	Within MSA Background
				0.04	Outside MSA Background
				0.03	City of Chicago Background
PNA	Benzo(a)pyrene	GP-9 (5-7)	0.15	0.09	Residential Ingestion
PNA	Fluorene	GP-9 (5-7)	0.53	0.18	Within MSA Background
				0.04	Outside MSA Background
				0.10	City of Chicago Background
PCB	Aroclor 1242	GP-17 (4-6)	1.7	1	Residential Ingestion
				1	Construction Worker Ingestion
INORG	Aluminum	GP-1 (6-8)	12000	9,500	Within MSA Background
		GP-17 (4-6)	11000	9,200	Outside MSA Background
		GP-18 (5-7)	13000		
INORG	Barium	GP-18 (5-7)	190	110	Within MSA Background
		GP-19 (2-4)	170	122	Outside MSA Background
		GP-5 (1-3)	430		
		GP-9 (5-7)	840		
INORG	Beryllium	GP-18 (5-7)	0.7	0.59	Within MSA Background
				0.56	Outside MSA Background
INORG	Calcium	GP-12 (3-5)	120000	9,300	Within MSA Background
		GP-17 (4-6)	27000	5,525	Outside MSA Background
		GP-9 (5-7)	12000		
INORG	Chromium	GP-1 (6-8)	15	28	pH Specific SCGIR Class I
		GP-11 (5-7)	14	16.2	Within MSA Background
		GP-17 (4-6)	15	13.0	Outside MSA Background
		GP-18 (5-7)	17		
		GP-19 (2-4)	15		
		GP-25 (2-4)	17		
		GP-9 (5-7)	150		
INORG	Cobalt	GP-9 (5-7)	63	8.9	Within MSA Background
				8.9	Outside MSA Background
INORG	Copper	GP-9 (5-7)	45	19.6	Within MSA Background
				12.0	Outside MSA Background
INORG	Iron	GP-1 (6-8)	16000	55,000	Residential Ingestion (CNIT)
		GP-18 (5-7)	16000	140,000	Construction Worker Ingestion (CNIT)
		GP-9 (5-7)	200000	15,900	Within MSA Background
				15,000	Outside MSA Background
INORG	Lead	GP-9 (5-7)	39	36.0	Within MSA Background
				20.9	Outside MSA Background
INORG	Magnesium	GP-12 (3-5)	54000	4,820	Within MSA Background
		GP-17 (4-6)	13000	2,700	Outside MSA Background
		GP-9 (5-7)	11000		
INORG	Manganese	GP-18 (5-7)	870	636	Within MSA Background
		GP-9 (5-7)	890	630	Outside MSA Background
INORG	Nickel	GP-17 (4-6)	34	18.0	Within MSA Background
		GP-9 (5-7)	230	13.0	Outside MSA Background
INORG	Vanadium	GP-1 (6-8)	33	25.2	Within MSA Background
		GP-18 (5-7)	31	25.0	Outside MSA Background

TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Test	Chemical	Sample Number	Concentration Detected (ppm)	TACO Tier 1 RO (mg/Kg)	Exposure Pathway
PCB	Aroclor 1242	GP-17 (4-6)	1.7	1	Residential Ingestion
PNA	Benzo(a)pyrene	GP-9 (5-7)	0.15	0.09	Residential Ingestion
INORG	Iron	GP-9 (5-7)	200000	55,000	Residential Ingestion (CNIT)
PCB	Aroclor 1242	GP-17 (4-6)	1.7	1	Construction Worker Ingestion
INORG	Iron	GP-9 (5-7)	200000	140,000	Construction Worker Ingestion (CNIT)
INORG	Chromium	GP-9 (5-7)	150	28	pH Specific SCGIR Class I
INORG	Aluminum	GP-1 (6-8)	12000	9,500	Within MSA Background
INORG	Iron	GP-1 (6-8)	16000	15,900	Within MSA Background
INORG	Vanadium	GP-1 (6-8)	33	25.2	Within MSA Background
INORG	Barium	GP-5 (1-3)	430	110	Within MSA Background
INORG	Barium	GP-9 (5-7)	840	110	Within MSA Background
INORG	Calcium	GP-9 (5-7)	12000	9,300	Within MSA Background
INORG	Chromium	GP-9 (5-7)	150	16.2	Within MSA Background
INORG	Cobalt	GP-9 (5-7)	63	8.9	Within MSA Background
INORG	Copper	GP-9 (5-7)	45	19.6	Within MSA Background
INORG	Iron	GP-9 (5-7)	200000	15,900	Within MSA Background
INORG	Lead	GP-9 (5-7)	39	36.0	Within MSA Background
INORG	Magnesium	GP-9 (5-7)	11000	4,820	Within MSA Background
INORG	Manganese	GP-9 (5-7)	890	636	Within MSA Background
INORG	Nickel	GP-9 (5-7)	230	18.0	Within MSA Background
INORG	Calcium	GP-12 (3-5)	120000	9,300	Within MSA Background
INORG	Magnesium	GP-12 (3-5)	54000	4,820	Within MSA Background
INORG	Aluminum	GP-17 (4-6)	11000	9,500	Within MSA Background
INORG	Calcium	GP-17 (4-6)	27000	9,300	Within MSA Background
INORG	Magnesium	GP-17 (4-6)	13000	4,820	Within MSA Background
INORG	Nickel	GP-17 (4-6)	34	18.0	Within MSA Background
INORG	Aluminum	GP-18 (5-7)	13000	9,500	Within MSA Background
INORG	Barium	GP-18 (5-7)	190	110	Within MSA Background
INORG	Beryllium	GP-18 (5-7)	0.7	0.59	Within MSA Background
INORG	Chromium	GP-18 (5-7)	17	16.2	Within MSA Background
INORG	Iron	GP-18 (5-7)	16000	15,900	Within MSA Background
INORG	Manganese	GP-18 (5-7)	870	636	Within MSA Background
INORG	Vanadium	GP-18 (5-7)	31	25.2	Within MSA Background
INORG	Barium	GP-19 (2-4)	170	110	Within MSA Background
INORG	Chromium	GP-25 (2-4)	17	16.2	Within MSA Background
PNA	Acenaphthene	GP-9 (5-7)	0.31	0.13	Within MSA Background
PNA	Acenaphthylene	GP-9 (5-7)	0.36	0.07	Within MSA Background
PNA	Fluorene	GP-9 (5-7)	0.53	0.18	Within MSA Background
INORG	Aluminum	GP-1 (6-8)	12000	9,200	Outside MSA Background
INORG	Chromium	GP-1 (6-8)	15	13.0	Outside MSA Background
INORG	Iron	GP-1 (6-8)	16000	15,000	Outside MSA Background
INORG	Vanadium	GP-1 (6-8)	33	25.0	Outside MSA Background
INORG	Barium	GP-5 (1-3)	430	122	Outside MSA Background
INORG	Barium	GP-9 (5-7)	840	122	Outside MSA Background
INORG	Calcium	GP-9 (5-7)	12000	5,525	Outside MSA Background
INORG	Chromium	GP-9 (5-7)	150	13.0	Outside MSA Background
INORG	Cobalt	GP-9 (5-7)	63	8.9	Outside MSA Background
INORG	Copper	GP-9 (5-7)	45	12.0	Outside MSA Background
INORG	Iron	GP-9 (5-7)	200000	15,000	Outside MSA Background
INORG	Lead	GP-9 (5-7)	39	20.9	Outside MSA Background
INORG	Magnesium	GP-9 (5-7)	11000	2,700	Outside MSA Background
INORG	Manganese	GP-9 (5-7)	890	630	Outside MSA Background
INORG	Nickel	GP-9 (5-7)	230	13.0	Outside MSA Background
INORG	Chromium	GP-11 (5-7)	14	13.0	Outside MSA Background
INORG	Calcium	GP-12 (3-5)	120000	5,525	Outside MSA Background
INORG	Magnesium	GP-12 (3-5)	54000	2,700	Outside MSA Background
INORG	Aluminum	GP-17 (4-6)	11000	9,200	Outside MSA Background
INORG	Calcium	GP-17 (4-6)	27000	5,525	Outside MSA Background

TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Test	Chemical	Sample Number	Concentration Detected (ppm)	TACO Tier 1 RO (mg/Kg)	Exposure Pathway
INORG	Chromium	GP-17 (4-6)	15	13.0	Outside MSA Background
INORG	Magnesium	GP-17 (4-6)	13000	2,700	Outside MSA Background
INORG	Nickel	GP-17 (4-6)	34	13.0	Outside MSA Background
INORG	Aluminum	GP-18 (5-7)	13000	9,200	Outside MSA Background
INORG	Barium	GP-18 (5-7)	190	122	Outside MSA Background
INORG	Beryllium	GP-18 (5-7)	0.7	0.56	Outside MSA Background
INORG	Chromium	GP-18 (5-7)	17	13.0	Outside MSA Background
INORG	Iron	GP-18 (5-7)	16000	15,000	Outside MSA Background
INORG	Manganese	GP-18 (5-7)	870	630	Outside MSA Background
INORG	Vanadium	GP-18 (5-7)	31	25.0	Outside MSA Background
INORG	Barium	GP-19 (2-4)	170	122	Outside MSA Background
INORG	Chromium	GP-19 (2-4)	15	13.0	Outside MSA Background
INORG	Chromium	GP-25 (2-4)	17	13.0	Outside MSA Background
PNA	Acenaphthene	GP-9 (5-7)	0.31	0.04	Outside MSA Background
PNA	Acenaphthylene	GP-9 (5-7)	0.36	0.04	Outside MSA Background
PNA	Fluorene	GP-9 (5-7)	0.53	0.04	Outside MSA Background
PNA	Acenaphthene	GP-9 (5-7)	0.31	0.09	City of Chicago Background
PNA	Acenaphthylene	GP-9 (5-7)	0.36	0.03	City of Chicago Background
PNA	Fluorene	GP-9 (5-7)	0.53	0.10	City of Chicago Background

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-002	10050296-003	10050296-004	10050296-005
Client Sample ID :	GP-1 (6-8)	GP-2 (4-6)	GP-3 (4-6)	GP-4 (3-5)	GP-5 (1-3)
Date Collected :	05/10/2010 09:00	05/10/2010 09:30	05/10/2010 10:00	05/10/2010 10:35	05/10/2010 11:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	-----	100,000	----	100,000	25	25	< 0.071	0.13	< 0.073	< 0.077	< 0.072
71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-25-2	Bromoform	720	100	16,000	140	0.8	0.8	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
78-93-3	2-Butanone							< 0.071	< 0.066	< 0.073	< 0.077	< 0.072
75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160	< 0.048	< 0.044	< 0.049	< 0.051	< 0.048
56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-00-3	Chloroethane		1,500*		97*			< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
74-87-3	Chloromethane		180*		11*			< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019
10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019
100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
591-78-6	2-Hexanone							< 0.019	< 0.018	< 0.02	< 0.02	< 0.019
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.019	< 0.018	< 0.02	< 0.02	< 0.019
75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096
1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
100-42-5	Styrene	410,000	1,500	41,000	430	4	18	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
79-34-5	1,1,2,2-Tetrachloroethane	8,200*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
108-88-3	Toluene	410,000	650	410,000	42	12	29	< 0.0048	< 0.0044	< 0.0049	0.0096	< 0.0048
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0048	< 0.0044	0.0055	< 0.0051	< 0.0048
79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048
1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.014	< 0.013	< 0.015	< 0.015	< 0.014

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not In TACO Tier I Tables.

R 001465

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-006	10050296-007	10050296-008	10050296-009	10050296-011		
Client Sample ID :	GP-6 (5-7)	GP-7 (4-6)	GP-8 (2-4)	GP-9 (5-7)	GP-10 (2-4)		
Date Collected :	05/10/2010 11:15	05/10/2010 11:40	05/10/2010 12:00	05/10/2010 12:10	05/10/2010 12:45		

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	-----	100,000	-----	100,000	25	25	< 0.064	< 0.072	< 0.07	< 0.062	< 0.067
71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-25-2	Bromoform	720	100	16,000	140	0.8	0.8	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2	< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
78-93-3	2-Butanone							< 0.064	< 0.072	< 0.07	< 0.062	< 0.067
75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160	< 0.043	< 0.048	< 0.046	< 0.041	< 0.045
56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-00-3	Chloroethane		1,500*		97*			< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
74-87-3	Chloromethane		180*		11*			< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0019	< 0.0017	< 0.0018
10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0019	< 0.0017	< 0.0018
100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19	< 0.0043	< 0.0048	< 0.0046	0.0063	< 0.0045
591-78-6	2-Hexanone							< 0.017	< 0.019	< 0.019	< 0.017	< 0.018
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.017	< 0.019	< 0.019	< 0.017	< 0.018
75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2	< 0.0085	< 0.0096	< 0.0093	< 0.0083	< 0.0089
1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
100-42-5	Styrene	410,000	1,500	41,000	430	4	18	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
79-34-5	1,1,2,2-Tetrachloroethane	8,200*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
108-88-3	Toluene	410,000	650	410,000	42	12	29	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	< 0.0043	< 0.0048	< 0.0046	< 0.0041	< 0.0045
1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.013	< 0.014	< 0.014	0.033	< 0.013

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001466

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :							10050296-012	10050296-013	10050296-014	10050296-015	10050296-016
Client Sample ID :							GP-11 (1-3)	GP-11 (5-7)	GP-12 (3-5)	GP-13 (4-6)	GP-14 (3-5)
Date Collected :							05/10/2010 13:00	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 13:40	05/10/2010 14:10
		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	—	100,000	—	100,000	25	25	< 0.065	< 0.069	< 0.067	< 0.065	0.084
71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-25-2	Bromoform	720	100	16,000	140	0.8	0.8	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
78-93-3	2-Butanone							< 0.065	< 0.069	< 0.067	< 0.065	< 0.073
75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160	< 0.043	< 0.046	< 0.045	< 0.043	< 0.049
56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-00-3	Chloroethane		1,500*		97*			< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
74-87-3	Chloromethane		180*		11*			< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002
10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002
100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
591-78-6	2-Hexanone							< 0.017	< 0.019	< 0.018	< 0.017	< 0.02
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.017	< 0.019	< 0.018	< 0.017	< 0.02
75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098
1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
100-42-5	Styrene	410,000	1,500	41,000	430	4	18	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
79-34-5	1,1,2,2-Tetrachloroethane	8,200*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
108-88-3	Toluene	410,000	650	410,000	42	12	29	0.0067	< 0.0046	0.0063	< 0.0043	< 0.0049
71-55-6	1,1,1-Trichloroethane	—	1,200	—	1,200	2	9.6	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049
1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.013	< 0.014	< 0.013	< 0.013	< 0.015

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001467

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-017	10050296-018	10050296-019	10050296-020	10050296-021		
Client Sample ID :	GP-15 (1-3)	GP-15 (6-8)	GP-16 (2-4)	GP-17 (4-6)	GP-18 (5-7)		
Date Collected :	05/10/2010 15:00	05/10/2010 15:00	05/10/2010 15:20	05/10/2010 15:40	05/10/2010 16:00		

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	-----	100,000	-----	100,000	25	25	< 0.07	< 0.083	< 0.06	< 0.077	< 0.079
71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-25-2	Bromoform	720	100	16,000	140	0.8	0.8	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2	< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
78-93-3	2-Butanone							< 0.07	< 0.083	< 0.06	< 0.077	< 0.079
75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160	< 0.047	< 0.056	< 0.04	< 0.052	< 0.053
56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-00-3	Chloroethane		1,500*		97*			< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
74-87-3	Chloromethane		180*		11*			< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0022	< 0.0016	< 0.0021	< 0.0021
10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0019	< 0.0022	< 0.0016	< 0.0021	< 0.0021
100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
591-78-6	2-Hexanone							< 0.019	< 0.022	< 0.016	< 0.021	< 0.021
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.019	< 0.022	< 0.016	< 0.021	< 0.021
75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2	< 0.0093	< 0.011	< 0.008	< 0.01	< 0.011
1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
100-42-5	Styrene	410,000	1,500	41,000	430	4	18	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
79-34-5	1,1,2,2-Tetrachloroethane	8,200*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
108-88-3	Toluene	410,000	650	410,000	42	12	29	< 0.0047	< 0.0056	0.004	< 0.0052	< 0.0053
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0047	< 0.0056	< 0.004	0.0069	< 0.0053
79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	< 0.0047	< 0.0056	< 0.004	< 0.0052	< 0.0053
1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.014	< 0.017	< 0.012	< 0.015	< 0.016

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001468

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :							10050296-022	10050296-023	10050296-024	10050296-025	10050296-026
Client Sample ID :							GP-19 (2-4)	GP-20 (8.5-9.5)	GP-21 (8-10)	GP-22 (2-4)	GP-23 (5-7)
Date Collected :							05/10/2010 16:20	05/10/2010 16:35	05/10/2010 16:50	05/10/2010 17:10	05/10/2010 17:35
		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II					
67-64-1	Acetone	-----	100,000	-----	100,000	25	25	< 0.077	< 0.064	< 0.054	0.082	< 0.067
71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-25-2	Bromoform	720	100	16,000	140	0.8	0.8	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2	< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
78-93-3	2-Butanone							< 0.077	< 0.064	< 0.054	< 0.077	< 0.067
75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160	< 0.051	< 0.042	< 0.036	< 0.052	< 0.044
56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-00-3	Chloroethane		1,500*		97*			< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
74-87-3	Chloromethane		180*		11*			< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.002	< 0.0017	< 0.0014	< 0.0021	< 0.0018
10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.002	< 0.0017	< 0.0014	< 0.0021	< 0.0018
100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
591-78-6	2-Hexanone							< 0.02	< 0.017	< 0.014	< 0.021	< 0.018
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.02	< 0.017	< 0.014	< 0.021	< 0.018
75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2	< 0.01	< 0.0085	< 0.0072	< 0.01	< 0.0089
1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
100-42-5	Styrene	410,000	1,500	41,000	430	4	18	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
79-34-5	1,1,2,2-Tetrachloroethane	8,200*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	0.013
108-88-3	Toluene	410,000	650	410,000	42	12	29	< 0.0051	< 0.0042	< 0.0036	< 0.0052	0.0045
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.0051	< 0.0042	< 0.0036	< 0.0052	0.0068
79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	< 0.0051	< 0.0042	< 0.0036	< 0.0052	< 0.0044
1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.015	< 0.013	< 0.011	< 0.015	< 0.013

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001469

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (VOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-027	10050296-028	10050296-029
Client Sample ID :	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)
Date Collected :	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values				
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II			
67-64-1	Acetone	-----	100,000	-----	100,000	25	25	< 0.06	< 0.076	< 0.07
71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.004	< 0.005	0.0059
75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	< 0.004	< 0.005	< 0.0047
75-25-2	Bromoform	720	100	16,000	140	0.8	0.8	< 0.004	< 0.005	< 0.0047
74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2	< 0.008	< 0.01	< 0.0093
78-93-3	2-Butanone							< 0.06	< 0.076	< 0.07
75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160	< 0.04	< 0.05	< 0.047
56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	< 0.004	< 0.005	< 0.0047
108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5	< 0.004	< 0.005	< 0.0047
75-00-3	Chloroethane		1,500*		97*			< 0.008	< 0.01	< 0.0093
67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9	< 0.004	< 0.005	< 0.0047
74-87-3	Chloromethane		180*		11*			< 0.008	< 0.01	< 0.0093
124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4	< 0.004	< 0.005	< 0.0047
75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	< 0.004	< 0.005	< 0.0047
107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	< 0.004	< 0.005	< 0.0047
75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3	< 0.004	< 0.005	< 0.0047
156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	< 0.004	< 0.005	< 0.0047
156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	< 0.004	< 0.005	< 0.0047
78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	< 0.004	< 0.005	< 0.0047
10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0016	< 0.002	< 0.0019
10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	< 0.0016	< 0.002	< 0.0019
100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19	< 0.004	< 0.005	< 0.0047
591-78-6	2-Hexanone							< 0.016	< 0.02	< 0.019
108-10-1	4-Methyl-2-pentanone		3,100*		340*			< 0.016	< 0.02	< 0.019
75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2	< 0.008	< 0.01	< 0.0093
1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32	< 0.004	< 0.005	< 0.0047
100-42-5	Styrene	410,000	1,500	41,000	430	4	18	< 0.004	< 0.005	< 0.0047
79-34-5	1,1,2,2-Tetrachloroethane	8,200*	2,000*	2,000*	2,000*	0.22*	0.22*	< 0.004	< 0.005	< 0.0047
127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3	< 0.004	< 0.005	< 0.0047
108-88-3	Toluene	410,000	650	410,000	42	12	29	0.0053	< 0.005	0.011
71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	< 0.004	< 0.005	< 0.0047
79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	< 0.004	< 0.005	< 0.0047
79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3	< 0.004	< 0.005	< 0.0047
75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	< 0.004	< 0.005	< 0.0047
1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.012	< 0.015	< 0.014

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemi

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001470

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	10050296-005	10050296-007
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-5 (1-3)	GP-7 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:40

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900	< 0.027	< 0.024	< 0.025	< 0.024
208-96-8	Acenaphthylene	61,000*		61,000*		85*	420*	< 0.027	< 0.024	< 0.025	< 0.024
120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000	< 0.027	< 0.024	< 0.025	< 0.024
56-55-3	Benz(a)anthracene	8	---	170	---	2	8	< 0.027	< 0.024	0.047	< 0.024
50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82	< 0.027	< 0.024	0.044	< 0.024
205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25	< 0.027	< 0.024	0.052	< 0.024
191-24-2	Benzo(g,h,i)perylene	61,000*		61,000*		27,000*	130,000*	< 0.027	< 0.024	0.026	< 0.024
207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250	< 0.027	< 0.024	0.038	< 0.024
218-01-9	Chrysene	780	---	17,000	---	160	800	< 0.027	< 0.024	0.051	< 0.024
53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6	< 0.027	< 0.024	< 0.025	< 0.024
206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000	< 0.027	< 0.024	0.11	< 0.024
86-73-7	Fluorene	82,000	---	82,000	---	560	2,800	< 0.027	< 0.024	< 0.025	< 0.024
193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	< 0.027	< 0.024	0.026	< 0.024
91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18	< 0.027	< 0.024	< 0.025	< 0.024
85-01-8	Phenanthrene	61,000*		61,000*		200*	1,000*	< 0.027	< 0.024	0.04	< 0.024
129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000	< 0.027	< 0.024	0.092	< 0.024

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001471

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-009	10050296-013	10050296-014	10050296-017
Client Sample ID :	GP-9 (5-7)	GP-11 (5-7)	GP-12 (3-5)	GP-15 (1-3)
Date Collected :	05/10/2010 12:10	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 15:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900	0.31	< 0.025	< 0.024	< 0.025
208-96-8	Acenaphthylene	61,000*		61,000*		85*	420*	0.36	< 0.025	< 0.024	< 0.025
120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000	0.057	< 0.025	< 0.024	< 0.025
56-55-3	Benz(a)anthracene	8	---	170	---	2	8	0.053	< 0.025	< 0.024	< 0.025
50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82	0.15	< 0.025	< 0.024	< 0.025
205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25	0.12	< 0.025	< 0.024	< 0.025
191-24-2	Benzo(g,h,i)perylene	61,000*		61,000*		27,000*	130,000*	0.17	< 0.025	< 0.024	< 0.025
207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250	0.097	< 0.025	< 0.024	< 0.025
218-01-9	Chrysene	780	---	17,000	---	160	800	0.053	< 0.025	< 0.024	< 0.025
53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6	< 0.04	< 0.025	< 0.024	< 0.025
206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000	0.12	< 0.025	< 0.024	< 0.025
86-73-7	Fluorene	82,000	---	82,000	---	560	2,800	0.53	< 0.025	< 0.024	< 0.025
193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	0.19	< 0.025	< 0.024	< 0.025
91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18	< 3	< 0.025	< 0.024	< 0.025
85-01-8	Phenanthrene	61,000*		61,000*		200*	1,000*	0.3	< 0.025	< 0.024	< 0.025
129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000	0.11	< 0.025	< 0.024	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001472

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-020	10050296-021	10050296-022	10050296-023
Client Sample ID :	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)
Date Collected :	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900	< 0.026	< 0.027	< 0.025	< 0.025
208-96-8	Acenaphthylene	61,000*		61,000*		85*	420*	< 0.026	< 0.027	< 0.025	< 0.025
120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000	< 0.026	< 0.027	< 0.025	< 0.025
56-55-3	Benz(a)anthracene	8	---	170	---	2	8	< 0.026	< 0.027	< 0.025	< 0.025
50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82	< 0.026	< 0.027	< 0.025	< 0.025
205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25	< 0.026	< 0.027	< 0.025	< 0.025
191-24-2	Benzo(g,h,i)perylene	61,000*		61,000*		27,000*	130,000*	< 0.026	< 0.027	< 0.025	< 0.025
207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250	< 0.026	< 0.027	< 0.025	< 0.025
218-01-9	Chrysene	780	---	17,000	---	160	800	< 0.026	< 0.027	< 0.025	< 0.025
53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6	< 0.026	< 0.027	< 0.025	< 0.025
206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000	< 0.026	< 0.027	< 0.025	< 0.025
86-73-7	Fluorene	82,000	---	82,000	---	560	2,800	< 0.026	< 0.027	< 0.025	< 0.025
193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	< 0.026	< 0.027	< 0.025	< 0.025
91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18	< 0.026	< 0.027	< 0.025	< 0.025
85-01-8	Phenanthrene	61,000*		61,000*		200*	1,000*	< 0.026	< 0.027	< 0.025	< 0.025
129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000	< 0.026	< 0.027	< 0.025	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001473

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PNA)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-024	10050296-027	10050296-028	10050296-029	
Client Sample ID :	GP-21 (8-10)	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)	
Date Collected :	05/10/2010 16:50	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00	

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900	< 0.025	< 0.025	< 0.026	< 0.025
208-96-8	Acenaphthylene	61,000*		61,000*		85*	420*	< 0.025	< 0.025	< 0.026	< 0.025
120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000	< 0.025	< 0.025	< 0.026	< 0.025
56-55-3	Benz(a)anthracene	8	---	170	---	2	8	< 0.025	< 0.025	< 0.026	< 0.025
50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82	< 0.025	< 0.025	< 0.026	< 0.025
205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25	< 0.025	< 0.025	< 0.026	< 0.025
191-24-2	Benzo(g,h,i)perylene	61,000*		61,000*		27,000*	130,000*	< 0.025	< 0.025	< 0.026	< 0.025
207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250	< 0.025	< 0.025	< 0.026	< 0.025
218-01-9	Chrysene	780	---	17,000	---	160	800	< 0.025	< 0.025	< 0.026	< 0.025
53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6	< 0.025	< 0.025	< 0.026	< 0.025
206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000	< 0.025	< 0.025	< 0.026	< 0.025
86-73-7	Fluorene	82,000	---	82,000	---	560	2,800	< 0.025	< 0.025	< 0.026	< 0.025
193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	< 0.025	< 0.025	< 0.026	< 0.025
91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18	< 0.025	< 0.025	< 0.026	< 0.025
85-01-8	Phenanthrene	61,000*		61,000*		200*	1,000*	< 0.025	< 0.025	< 0.026	< 0.025
129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000	< 0.025	< 0.025	< 0.026	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001474

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.19	< 0.16
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.19	< 0.16
541-73-1	1,3-Dichlorobenzene							< 0.19	< 0.16
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.19	< 0.16
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.19	< 0.16
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.36	< 0.32
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.19	< 0.16
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.19	< 0.16
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.19	< 0.16
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.88	< 0.77
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.19	< 0.16
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.19	< 0.16
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.19	< 0.16
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.19	< 0.16
91-57-6	2-Methylnaphthalene							< 0.19	< 0.16
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.19	< 0.16
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.88	< 0.77
88-75-5	2-Nitrophenol							< 0.19	< 0.16
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.36	< 0.32
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.88	< 0.77
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.88	< 0.77
101-55-3	4-Bromophenyl phenyl ether							< 0.19	< 0.16
59-50-7	4-Chloro-3-methylphenol							< 0.19	< 0.16
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.19	< 0.16
7005-72-3	4-Chlorophenyl phenyl ether							< 0.19	< 0.16
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.19	< 0.16
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.88	< 0.77
100-02-7	4-Nitrophenol							< 0.88	< 0.77
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.19	< 0.16
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.19	< 0.16
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.88	< 0.77
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.19	< 0.16
111-91-1	Bis(2-chloroethoxy)methane							< 0.19	< 0.16
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.19	< 0.16
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.19	< 0.16
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.19	< 0.16
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.19	< 0.16
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.19	< 0.16
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.19	< 0.16
132-64-9	Dibenzofuran			820*				< 0.19	< 0.16
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.19	< 0.16
131-11-3	Dimethyl phthalate							< 0.19	< 0.16
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.19	< 0.16
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.19	< 0.16
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.19	< 0.16
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.19	< 0.16
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.19	< 0.16
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.19	< 0.16
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.19	< 0.16
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.19	< 0.16
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.19	< 0.16
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.19	< 0.16
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.027	< 0.024
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.027	< 0.024

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-005	10050296-007
Client Sample ID :	GP-5 (1-3)	GP-7 (4-6)
Date Collected :	05/10/2010 11:00	05/10/2010 11:40

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.17	< 0.17
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.17	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.17	< 0.17
106-46-7	1,4-Dichlorobenzene	—	17,000	—	340	2	11	< 0.17	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	< 0.17
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.33	< 0.32
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.17	< 0.17
120-83-2	2,4-Dichlorophenol	6,100	—	610	---	1	1	< 0.17	< 0.17
105-67-9	2,4-Dimethylphenol	41,000	—	41,000	---	9	9	< 0.17	< 0.17
51-28-5	2,4-Dinitrophenol	4,100	—	410	---	0.2	0.2	< 0.79	< 0.78
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.17	< 0.17
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.17	< 0.17
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.17	< 0.17
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.17	< 0.17
91-57-6	2-Methylnaphthalene							< 0.17	< 0.17
95-48-7	2-Methylphenol	100,000	—	100,000	—	15	15	< 0.17	< 0.17
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.79	< 0.78
88-75-5	2-Nitrophenol							< 0.17	< 0.17
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.33	< 0.32
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.79	< 0.78
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.79	< 0.78
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.17
106-47-8	4-Chloroaniline	8,200	—	820	—	0.7	0.7	< 0.17	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.17
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.17	< 0.17
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.79	< 0.78
100-02-7	4-Nitrophenol							< 0.79	< 0.78
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.17
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.17
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.79	< 0.78
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.17
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.17	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.17
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.17	< 0.17
86-74-8	Carbazole	290	---	6,200	—	0.6	2.8	< 0.17	< 0.17
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.17
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.17
132-64-9	Dibenzofuran			820*				< 0.17	< 0.17
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.17
131-11-3	Dimethyl phthalate							< 0.17	< 0.17
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.17	< 0.17
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.17	< 0.17
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.17	< 0.17
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.17	< 0.17
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.17	< 0.17
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.17
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.17	< 0.17
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.17	< 0.17
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.17	< 0.17
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.8	—	18	—	0.00005	0.00005	< 0.025	< 0.024
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.025	< 0.024

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-009	10050296-013	
Client Sample ID :	GP-9 (5-7)	GP-11 (5-7)	
Date Collected :	05/10/2010 12:10	05/10/2010 13:00	

CAS No.	Analyte	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.21	< 0.17
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.21	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.21	< 0.17
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.21	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.21	< 0.17
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.4	< 0.33
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.21	< 0.17
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.21	< 0.17
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.21	< 0.17
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.97	< 0.81
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.21	< 0.17
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.21	< 0.17
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.21	< 0.17
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.21	< 0.17
91-57-6	2-Methylnaphthalene							6	< 0.17
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.21	< 0.17
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.97	< 0.81
88-75-5	2-Nitrophenol							< 0.21	< 0.17
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.4	< 0.33
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.97	< 0.81
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.97	< 0.81
101-55-3	4-Bromophenyl phenyl ether							< 0.21	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.21	< 0.17
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.21	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.21	< 0.17
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.21	< 0.17
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.97	< 0.81
100-02-7	4-Nitrophenol							< 0.97	< 0.81
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.21	< 0.17
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.21	< 0.17
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.97	< 0.81
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.21	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.21	< 0.17
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.21	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.21	< 0.17
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.21	< 0.17
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.21	< 0.17
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.21	< 0.17
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.21	< 0.17
132-64-9	Dibenzofuran			820*				< 0.21	< 0.17
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.21	< 0.17
131-11-3	Dimethyl phthalate							< 0.21	< 0.17
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.21	< 0.17
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.21	< 0.17
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.21	< 0.17
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.21	< 0.17
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.21	< 0.17
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.21	< 0.17
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.21	< 0.17
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.21	< 0.17
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.21	< 0.17
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.21	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.04	< 0.025
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.04	< 0.02

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Morengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-014	10050296-017
Client Sample ID :	GP-12 (3-5)	GP-15 (1-3)
Date Collected :	05/10/2010 13:20	05/10/2010 15:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.16	< 0.17
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.16	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.16	< 0.17
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.16	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.16	< 0.17
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.32	< 0.33
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.16	< 0.17
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.16	< 0.17
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.16	< 0.17
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.77	< 0.79
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.16	< 0.17
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.16	< 0.17
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.16	< 0.17
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.16	< 0.17
91-57-6	2-Methylnaphthalene							< 0.16	< 0.17
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.16	< 0.17
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.77	< 0.79
88-75-5	2-Nitrophenol							< 0.16	< 0.17
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.32	< 0.33
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.77	< 0.79
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.77	< 0.79
101-55-3	4-Bromophenyl phenyl ether							< 0.16	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.16	< 0.17
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.16	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.16	< 0.17
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.16	< 0.17
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.77	< 0.79
100-02-7	4-Nitrophenol							< 0.77	< 0.79
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.16	< 0.17
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.16	< 0.17
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.77	< 0.79
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.16	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.16	< 0.17
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.16	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.16	< 0.17
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.16	< 0.17
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.16	< 0.17
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.16	< 0.17
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.16	< 0.17
132-64-9	Dibenzofuran			820*				< 0.16	< 0.17
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.16	< 0.17
131-11-3	Dimethyl phthalate							< 0.16	< 0.17
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.16	< 0.17
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.16	< 0.17
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.16	< 0.17
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.16	< 0.17
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.16	< 0.17
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.16	< 0.17
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.16	< 0.17
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.16	< 0.17
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.16	< 0.17
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.16	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.024	< 0.025
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.024	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001478

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-020	10050296-021	
Client Sample ID :	GP-17 (4-6)	GP-18 (5-7)	
Date Collected :	05/10/2010 15:40	05/10/2010 16:00	

CAS No.	Analyte	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.17	< 0.18
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.17	< 0.18
541-73-1	1,3-Dichlorobenzene							< 0.17	< 0.18
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.17	< 0.18
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	< 0.18
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.34	< 0.36
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.17	< 0.18
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.17	< 0.18
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.17	< 0.18
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.82	< 0.86
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.17	< 0.18
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.17	< 0.18
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.17	< 0.18
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.17	< 0.18
91-57-6	2-Methylnaphthalene							< 0.17	< 0.18
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.17	< 0.18
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.82	< 0.86
88-75-5	2-Nitrophenol							< 0.17	< 0.18
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.34	< 0.36
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.82	< 0.86
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.82	< 0.86
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.18
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.18
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.17	< 0.18
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.18
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.17	< 0.18
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.82	< 0.86
100-02-7	4-Nitrophenol							< 0.82	< 0.86
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.18
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.18
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.82	< 0.86
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.18
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.18
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.17	< 0.18
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.18
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.17	< 0.18
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.17	< 0.18
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.18
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.18
132-64-9	Dibenzofuran			820*				< 0.17	< 0.18
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.18
131-11-3	Dimethyl phthalate							< 0.17	< 0.18
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.17	< 0.18
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.17	< 0.18
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.17	< 0.18
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.17	< 0.18
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.17	< 0.18
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.18
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.17	< 0.18
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.17	< 0.18
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.17	< 0.18
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.18
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.026	< 0.027
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.026	< 0.027

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001479

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-022	10050296-023	
Client Sample ID :	GP-19 (2-4)	GP-20 (8.5-9.5)	
Date Collected :	05/10/2010 16:20	05/10/2010 16:35	

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.17	
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.17	
541-73-1	1,3-Dichlorobenzene							< 0.17	
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.17	
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.34	
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.17	< 0.17
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.17	< 0.17
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.17	< 0.17
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.81	< 0.81
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.17	< 0.17
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.17	< 0.17
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.17	< 0.17
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.17	< 0.17
91-57-6	2-Methylnaphthalene							< 0.17	< 0.17
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.17	< 0.17
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.81	< 0.81
88-75-5	2-Nitrophenol							< 0.17	< 0.17
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.34	< 0.33
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.81	< 0.81
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.81	< 0.81
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.17
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.17	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.17
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.17	< 0.17
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.81	< 0.81
100-02-7	4-Nitrophenol							< 0.81	< 0.81
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.17
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.17
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.81	< 0.81
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.17
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.17	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.17
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.17	< 0.17
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.17	< 0.17
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.17
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.17
132-64-9	Dibenzofuran			820*				< 0.17	< 0.17
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.17
131-11-3	Dimethyl phthalate							< 0.17	< 0.17
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.17	< 0.17
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.17	< 0.17
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.17	< 0.17
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.17	< 0.17
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.17	< 0.17
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.17
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.17	< 0.17
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.17	< 0.17
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.17	< 0.17
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.025	< 0.025
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.025	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

							Laboratory ID :	10050296-024	10050296-027
							Client Sample ID :	GP-21 (8-10)	GP-24 (3-5)
							Date Collected :	05/10/2010 16:50	05/10/2010 17:40
		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.17	< 0.17
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.17	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.17	< 0.17
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.17	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.17	< 0.17
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.33	< 0.33
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.17	< 0.17
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.17	< 0.17
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.17	< 0.17
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.8	< 0.79
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.17	< 0.17
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.17	< 0.17
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.17	< 0.17
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.17	< 0.17
91-57-6	2-Methylnaphthalene							< 0.17	< 0.17
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.17	< 0.17
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.8	< 0.79
88-75-5	2-Nitrophenol							< 0.17	< 0.17
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.33	< 0.33
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.8	< 0.79
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.8	< 0.79
101-55-3	4-Bromophenyl phenyl ether							< 0.17	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.17	< 0.17
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.17	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.17	< 0.17
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.17	< 0.17
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.8	< 0.79
100-02-7	4-Nitrophenol							< 0.8	< 0.79
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.17	< 0.17
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.17	< 0.17
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.8	< 0.79
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.17	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.17	< 0.17
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.17	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.17	< 0.17
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.17	< 0.17
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.17	< 0.17
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.17	< 0.17
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.17	< 0.17
132-64-9	Dibenzofuran			820*				< 0.17	< 0.17
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.17	< 0.17
131-11-3	Dimethyl phthalate							< 0.17	< 0.17
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.17	< 0.17
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.17	< 0.17
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.17	< 0.17
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.17	< 0.17
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.17	< 0.17
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.17	< 0.17
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.17	< 0.17
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.17	< 0.17
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.17	< 0.17
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.17	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.025	< 0.025
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.025	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001481

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SVOC)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-028	10050296-029
Client Sample ID :	GP-25 (2-4)	GP-26 (2-4)
Date Collected :	05/10/2010 18:30	05/10/2010 19:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values			
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
120-82-1	1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	< 0.18	< 0.17
95-50-1	1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	< 0.18	< 0.17
541-73-1	1,3-Dichlorobenzene							< 0.18	< 0.17
106-46-7	1,4-Dichlorobenzene	---	17,000	---	340	2	11	< 0.18	< 0.17
108-60-1	2, 2'-oxybis(1-Chloropropane)	82,000*	1,300*	8,200*	1,300*	2.4*	2.4*	< 0.18	< 0.17
95-95-4	2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	< 0.35	< 0.33
88-06-2	2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	< 0.18	< 0.17
120-83-2	2,4-Dichlorophenol	6,100	---	610	---	1	1	< 0.18	< 0.17
105-67-9	2,4-Dimethylphenol	41,000	---	41,000	---	9	9	< 0.18	< 0.17
51-28-5	2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	< 0.85	< 0.8
121-14-2	2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	< 0.18	< 0.17
606-20-2	2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	< 0.18	< 0.17
91-58-7	2-Chloronaphthalene	160,000*		160,000*		49*	240*	< 0.18	< 0.17
95-57-8	2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	< 0.18	< 0.17
91-57-6	2-Methylnaphthalene							< 0.18	< 0.17
95-48-7	2-Methylphenol	100,000	---	100,000	---	15	15	< 0.18	< 0.17
88-74-4	2-Nitroaniline	6,100*	56*	610*	3.6*	0.14*	0.14*	< 0.85	< 0.8
88-75-5	2-Nitrophenol							< 0.18	< 0.17
91-94-1	3,3'-Dichlorobenzidine	13	---	280	---	0.007	0.033	< 0.35	< 0.33
99-09-2	3-Nitroaniline	610*	400*	61*	26*	0.01*	0.01*	< 0.85	< 0.8
534-52-1	4,6-Dinitro-2-methylphenol	200*		820*		0.0031*	0.0031*	< 0.85	< 0.8
101-55-3	4-Bromophenyl phenyl ether							< 0.18	< 0.17
59-50-7	4-Chloro-3-methylphenol							< 0.18	< 0.17
106-47-8	4-Chloroaniline	8,200	---	820	---	0.7	0.7	< 0.18	< 0.17
7005-72-3	4-Chlorophenyl phenyl ether							< 0.18	< 0.17
106-44-5	4-Methylphenol	10,000*		1,000*		0.2*	0.2*	< 0.18	< 0.17
100-01-6	4-Nitroaniline	6,100*	1,600*	610*	110*	0.1*	0.1*	< 0.85	< 0.8
100-02-7	4-Nitrophenol							< 0.85	< 0.8
62-53-3	Aniline	1,000*	130*	1,400*	8.6*	0.063*	0.063*	< 0.18	< 0.17
92-87-5	Benzidine	0.02*	0.02*	0.54*	0.02*	0.0000022*	0.0000022*	< 0.18	< 0.17
65-85-0	Benzoic acid	1,000,000	---	820,000	---	400	400	< 0.85	< 0.8
100-51-6	Benzyl alcohol	1,000,000*	6,100*	200,000*	6,100*	15*	15*	< 0.18	< 0.17
111-91-1	Bis(2-chloroethoxy)methane							< 0.18	< 0.17
111-44-4	Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	< 0.18	< 0.17
117-81-7	Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	< 0.18	< 0.17
85-68-7	Butyl benzyl phthalate	410,000	930	410,000	930	930	930	< 0.18	< 0.17
86-74-8	Carbazole	290	---	6,200	---	0.6	2.8	< 0.18	< 0.17
84-74-2	Di-n-butyl phthalate	200,000	2,300	200,000	2,300	2,300	2,300	< 0.18	< 0.17
117-84-0	Di-n-octyl phthalate	41,000	10,000	4,100	10,000	10,000	10,000	< 0.18	< 0.17
132-64-9	Dibenzofuran			820*				< 0.18	< 0.17
84-66-2	Diethyl phthalate	1,000,000	2,000	1,000,000	2,000	470	470	< 0.18	< 0.17
131-11-3	Dimethyl phthalate							< 0.18	< 0.17
118-74-1	Hexachlorobenzene	4	1.8	78	2.6	2	11	< 0.18	< 0.17
87-68-3	Hexachlorobutadiene	2,000*	150*	200*	72*	2.2*	11*	< 0.18	< 0.17
77-47-4	Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	< 0.18	< 0.17
67-72-1	Hexachloroethane	2,000	---	2,000	---	0.5	2.6	< 0.18	< 0.17
78-59-1	Isophorone	410,000	4,600	410,000	4,600	8	8	< 0.18	< 0.17
62-75-9	N-Nitrosodimethylamine	0.11*	0.023*	1.6*	0.032*	0.0000067*	0.0000067*	< 0.18	< 0.17
86-30-6	N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	< 0.18	< 0.17
98-95-3	Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	< 0.18	< 0.17
108-95-2	Phenol	610,000	---	61,000	---	100	100	< 0.18	< 0.17
110-86-1	Pyridine	2,000*	100,000*	2,000*	4,800*	0.028*	0.028*	< 0.18	< 0.17
621-64-7	N-Nitrosodi-n-propylamine	0.8	---	18	---	0.00005	0.00005	< 0.026	< 0.025
87-86-5	Pentachlorophenol	24	---	520	---	0.03	0.14	< 0.026	< 0.025

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemical

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001482

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PCB)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-009	10050296-014	10050296-020
Client Sample ID :	GP-1 (6-8)	GP-9 (5-7)	GP-12 (3-5)	GP-17 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 12:10	05/10/2010 13:20	05/10/2010 15:40

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
12674-11-2	Aroclor 1016	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
11104-28-2	Aroclor 1221	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
11141-16-5	Aroclor 1232	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
53469-21-9	Aroclor 1242	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	0.17
12672-29-6	Aroclor 1248	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09
11097-69-1	Aroclor 1254	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	0.5
11096-82-5	Aroclor 1260	1	---	1	---	---	---	< 0.096	< 0.11	< 0.083	< 0.09

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier 1 remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

R 001483

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PCB)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-021
Client Sample ID : GP-18 (5-7)
Date Collected : 05/10/2010 16:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
12674-11-2	Aroclor 1016	1	---	1	---	---	---	< 0.093
11104-28-2	Aroclor 1221	1	---	1	---	---	---	< 0.093
11141-16-5	Aroclor 1232	1	---	1	---	---	---	< 0.093
53469-21-9	Aroclor 1242	1	---	1	---	---	---	< 0.093
12672-29-6	Aroclor 1248	1	---	1	---	---	---	< 0.093
11097-69-1	Aroclor 1254	1	---	1	---	---	---	< 0.093
11096-82-5	Aroclor 1260	1	---	1	---	---	---	< 0.093

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding

R 001484

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (PEST)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-009	10050296-014	10050296-020
Client Sample ID :	GP-1 (6-8)	GP-9 (5-7)	GP-12 (3-5)	GP-17 (4-6)
Date Collected :	05/10/2010 09:00	05/10/2010 12:10	05/10/2010 13:20	05/10/2010 15:40

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
72-54-8	4,4'-DDD	24	---	520	---	16	80	< 0.0019	< 0.0021	< 0.0017	< 0.0018
72-55-9	4,4'-DDE	17	---	370	---	54	270	< 0.0019	< 0.0021	< 0.0017	< 0.0018
50-29-3	4,4'-DDT	17	1,500	100	2,100	32	160	< 0.0019	< 0.0021	< 0.0017	< 0.0018
309-00-2	Aldrin	0.3	6.6	6.1	9.3	0.5	2.5	< 0.0019	< 0.0021	< 0.0017	< 0.0018
319-84-6	alpha-BHC	0.9	1.5	20	2.1	0.0005	0.003	< 0.0019	< 0.0021	< 0.0017	< 0.0018
5103-71-9	alpha-Chlordane							< 0.0019	< 0.0021	< 0.0017	< 0.0018
319-85-7	beta-BHC							< 0.0019	< 0.0021	< 0.0017	< 0.0018
57-74-9	Chlordane	16	140	100	22	10	48	< 0.04	< 0.044	< 0.034	< 0.037
319-86-8	delta-BHC							< 0.0019	< 0.0021	< 0.0017	< 0.0018
60-57-1	Dieldrin	0.4	2.2	7.8	3.1	0.004	0.02	< 0.0019	< 0.0021	< 0.0017	< 0.0018
959-98-8	Endosulfan I							< 0.0019	< 0.0021	< 0.0017	< 0.0018
33213-65-9	Endosulfan II							< 0.0019	< 0.0021	< 0.0017	< 0.0018
1031-07-8	Endosulfan sulfate							< 0.0019	< 0.0021	< 0.0017	< 0.0018
72-20-8	Endrin	610	---	61	---	1	5	< 0.0019	< 0.0021	< 0.0017	< 0.0018
7421-93-4	Endrin aldehyde							< 0.0019	< 0.0021	< 0.0017	< 0.0018
53494-70-5	Endrin ketone							< 0.0019	< 0.0021	< 0.0017	< 0.0018
58-89-9	gamma-BHC	4	---	96	---	0.009	0.047	< 0.0019	< 0.0021	< 0.0017	< 0.0018
5566-34-7	gamma-Chlordane							< 0.0019	< 0.0021	< 0.0017	< 0.0018
76-44-8	Heptachlor	1	11	28	16	23	110	< 0.0019	< 0.0021	< 0.0017	< 0.0018
1024-57-3	Heptachlor epoxide	0.6	9.2	2.7	13	0.7	3.3	< 0.0019	< 0.0021	< 0.0017	< 0.0018
72-43-5	Methoxychlor	10,000	---	1,000	---	160	780	< 0.0019	< 0.0021	< 0.0017	< 0.0018
8001-35-2	Toxaphene	5.2	170	110	240	31	150	< 0.04	< 0.044	< 0.034	< 0.037

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

R 001485

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-021
Client Sample ID : GP-18 (5-7)
Date Collected : 05/10/2010 16:00

CAS No.	Analyte	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
72-54-8	4,4'-DDD	24	---	520	---	16	80	< 0.0019
72-55-9	4,4'-DDE	17	---	370	---	54	270	< 0.0019
50-29-3	4,4'-DDT	17	1,500	100	2,100	32	160	< 0.0019
309-00-2	Aldrin	0.3	6.6	6.1	9.3	0.5	2.5	< 0.0019
319-84-6	alpha-BHC	0.9	1.5	20	2.1	0.0005	0.003	< 0.0019
5103-71-9	alpha-Chlordane							< 0.0019
319-85-7	beta-BHC							< 0.0019
57-74-9	Chlordane	16	140	100	22	10	48	< 0.038
319-86-8	delta-BHC							< 0.0019
60-57-1	Dieldrin	0.4	2.2	7.8	3.1	0.004	0.02	< 0.0019
959-98-8	Endosulfan I							< 0.0019
33213-65-9	Endosulfan II							< 0.0019
1031-07-8	Endosulfan sulfate							< 0.0019
72-20-8	Endrin	610	---	61	---	1	5	< 0.0019
7421-93-4	Endrin aldehyde							< 0.0019
53494-70-5	Endrin ketone							< 0.0019
58-89-9	gamma-BHC	4	---	96	---	0.009	0.047	< 0.0019
5566-34-7	gamma-Chlordane							< 0.0019
76-44-8	Heptachlor	1	11	28	16	23	110	< 0.0019
1024-57-3	Heptachlor epoxide	0.6	9.2	2.7	13	0.7	3.3	< 0.0019
72-43-5	Methoxychlor	10,000	---	1,000	---	160	780	< 0.0019
8001-35-2	Toxaphene	5.2	170	110	240	31	150	< 0.038

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding t

R 001486

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	10050296-005	10050296-007	
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-5 (1-3)	GP-7 (4-6)	
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:40	

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	1,000,000*	1,000,000*	410,000*	870,000*			12000			
7440-36-0	Antimony	820	---	82	—			< 2.2			
7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000			4.3	1.7	2.6	< 1.1
7440-39-3	Barium	140,000	910,000	14,000	870,000			68	18	430	17
7440-41-7	Beryllium	4,100	2,100	410	44,000			0.56			
7440-43-9	Cadmium	2,000	2,800	200	59,000			< 0.55	< 0.48	< 0.52	< 0.53
7440-70-2	Calcium	—	—	—	---			1600			
7440-47-3	Chromium	6,100	420	4,100	690			15	5.1	9.4	4.1
7440-48-4	Cobalt	120,000	---	12,000	---			5.3			
7440-50-8	Copper	82,000	—	8,200	—			6.4			
57-12-5	Cyanide	41,000	---	4,100	—			< 0.3			
7439-89-6	Iron	1,000,000*	—	140,000*	—			16000			
7439-92-1	Lead	800	—	700	—			12	3.2	20	1.9
7439-95-4	Magnesium	—	—	730,000	---			2500			
7439-96-5	Manganese	41,000	91,000	4,100	8,700			160			
7439-97-6	Mercury	610	16	61	0.1			< 0.023	< 0.026	< 0.027	< 0.026
7440-02-0	Nickel	41,000	21,000	4,100	440,000			11			
7440-09-7	Potassium	---	---	—	---			820			
7782-49-2	Selenium	10,000	—	1,000	—			< 1.1	< 0.95	< 1	< 1.1
7440-22-4	Silver	10,000	—	1,000	---			< 1.1	< 0.95	< 1	< 1.1
7440-23-5	Sodium	—	---	---	—			< 660			
7440-28-0	Thallium	160	—	160	---			< 1.1			
7440-62-2	Vanadium	14,000	---	1,400	---			33			
7440-66-6	Zinc	610,000	---	61,000	---			27			

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001487

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-009	10050296-013	10050296-014	10050296-017
Client Sample ID :	GP-9 (5-7)	GP-11 (5-7)	GP-12 (3-5)	GP-15 (1-3)
Date Collected :	05/10/2010 12:10	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 15:00

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	1,000,000*	1,000,000*	410,000*	870,000*			2400		3200	
7440-36-0	Antimony	820	---	82	---			< 4.9		< 1.8	
7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000			1.7	4.1	1.8	3
7440-39-3	Barium	140,000	910,000	14,000	870,000			840	82	18	99
7440-41-7	Beryllium	4,100	2,100	410	44,000			< 0.62		< 0.45	
7440-43-9	Cadmium	2,000	2,800	200	59,000			< 0.62	< 0.44	< 0.45	< 0.52
7440-70-2	Calcium	---	---	---	---			12000		120000	
7440-47-3	Chromium	6,100	420	4,100	690			150	14	8.3	9.7
7440-48-4	Cobalt	120,000	---	12,000	---			63		2.1	
7440-50-8	Copper	82,000	---	8,200	---			45		4.9	
57-12-5	Cyanide	41,000	---	4,100	---			< 0.34		< 0.27	
7439-89-6	Iron	1,000,000*	---	140,000*	---			***200000***		7500	
7439-92-1	Lead	800	---	700	---			39	7.9	3.6	13
7439-95-4	Magnesium	---	---	730,000	---			11000		54000	
7439-96-5	Manganese	41,000	91,000	4,100	8,700			890		260	
7439-97-6	Mercury	610	16	61	0.1			< 0.026	< 0.028	< 0.019	< 0.025
7440-02-0	Nickel	41,000	21,000	4,100	440,000			230		7.1	
7440-09-7	Potassium	---	---	---	---			170		520	
7782-49-2	Selenium	10,000	---	1,000	---			< 1.2	< 0.87	< 0.89	< 1
7440-22-4	Silver	10,000	---	1,000	---			< 1.2	< 0.87	< 0.89	< 1
7440-23-5	Sodium	---	---	---	---			< 150		< 540	
7440-28-0	Thallium	160	---	160	---			< 1.2		< 0.89	
7440-62-2	Vanadium	14,000	---	1,400	---			11		14	
7440-66-6	Zinc	610,000	---	61,000	---			37		14	

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the C

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001488

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :								10050296-020	10050296-021	10050296-022	10050296-023
Client Sample ID :								GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)
Date Collected :								05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35
		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	1,000,000*	1,000,000*	410,000*	870,000*			11000	13000		
7440-36-0	Antimony	820	---	82	---			< 2.2	< 2.2		
7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000			3.8	5.1	3.8	3.2
7440-39-3	Barium	140,000	910,000	14,000	870,000			110	190	170	44
7440-41-7	Beryllium	4,100	2,100	410	44,000			< 0.54	0.7		
7440-43-9	Cadmium	2,000	2,800	200	59,000			< 0.54	< 0.55	< 0.56	< 0.54
7440-70-2	Calcium	---	---	---	---			27000	4400		
7440-47-3	Chromium	6,100	420	4,100	690			15	17	15	13
7440-48-4	Cobalt	120,000	---	12,000	---			8.6	6.6		
7440-50-8	Copper	82,000	---	8,200	---			8.5	12		
57-12-5	Cyanide	41,000	---	4,100	---			< 0.28	< 0.3		
7439-89-6	Iron	1,000,000*	---	140,000*	---			12000	16000		
7439-92-1	Lead	800	---	700	---			11	17	15	6.4
7439-95-4	Magnesium	---	---	730,000	---			13000	2400		
7439-96-5	Manganese	41,000	91,000	4,100	8,700			500	870		
7439-97-6	Mercury	610	16	61	0.1			< 0.021	< 0.023	< 0.026	< 0.027
7440-02-0	Nickel	41,000	21,000	4,100	440,000			34	12		
7440-09-7	Potassium	---	---	---	---			670	840		
7782-49-2	Selenium	10,000	---	1,000	---			< 1.1	< 1.1	< 1.1	< 1.1
7440-22-4	Silver	10,000	---	1,000	---			< 1.1	< 1.1	< 1.1	< 1.1
7440-23-5	Sodium	---	---	---	---			< 65	< 67		
7440-28-0	Thallium	160	---	160	---			< 1.1	< 1.1		
7440-62-2	Vanadium	14,000	---	1,400	---			25	31		
7440-66-6	Zinc	610,000	---	61,000	---			31	49		

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Cl

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001489

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-024	10050296-027	10050296-028	10050296-029	
Client Sample ID :	GP-21 (8-10)	GP-24 (3-5)	GP-25 (2-4)	GP-26 (2-4)	
Date Collected :	05/10/2010 16:50	05/10/2010 17:40	05/10/2010 18:30	05/10/2010 19:00	

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum	1,000,000*	1,000,000*	410,000*	870,000*						
7440-36-0	Antimony	820	---	82	---						
7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000			2.2	1.7	2.8	< 1.1
7440-39-3	Barium	140,000	910,000	14,000	870,000			30	28	110	10
7440-41-7	Beryllium	4,100	2,100	410	44,000						
7440-43-9	Cadmium	2,000	2,800	200	59,000			< 0.54	< 0.39	< 0.55	< 0.54
7440-70-2	Calcium	---	---	---	---						
7440-47-3	Chromium	6,100	420	4,100	690			10	11	17	3.8
7440-48-4	Cobalt	120,000	---	12,000	---						
7440-50-8	Copper	82,000	---	8,200	---						
57-12-5	Cyanide	41,000	---	4,100	---						
7439-89-6	Iron	1,000,000*	---	140,000*	---						
7439-92-1	Lead	800	---	700	---			5.1	4.4	9.4	2.4
7439-95-4	Magnesium	---	---	730,000	---						
7439-96-5	Manganese	41,000	91,000	4,100	8,700						
7439-97-6	Mercury	610	16	61	0.1			< 0.025	< 0.026	< 0.029	< 0.026
7440-02-0	Nickel	41,000	21,000	4,100	440,000						
7440-09-7	Potassium	---	---	---	---						
7782-49-2	Selenium	10,000	---	1,000	---			< 1.1	< 0.79	< 1.1	< 1.1
7440-22-4	Silver	10,000	---	1,000	---			< 1.1	< 0.79	< 1.1	< 1.1
7440-23-5	Sodium	---	---	---	---						
7440-28-0	Thallium	160	---	160	---						
7440-62-2	Vanadium	14,000	---	1,400	---						
7440-66-6	Zinc	610,000	---	61,000	---						

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the C

* - Objectives obtained from Illinois EPA Chemicals Not in TACO Tier I Tables.

R 001490

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (TCLP)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-014	10050296-021	10050296-027
Client Sample ID :	GP-1 (6-8)	GP-12 (3-5)	GP-18 (5-7)	GP-24 (3-5)
Date Collected :	05/10/2010 09:00	05/10/2010 13:20	05/10/2010 16:00	05/10/2010 17:40

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum							0.51		1.6	
7440-70-2	Calcium					—	—		580		
7439-89-6	Iron					5.0	5.0	4.2		1.1	
7439-95-4	Magnesium					---	---		85		
7439-96-5	Manganese					0.15	10.0			0.018	
7440-22-4	Silver					0.05	—		< 0.01		< 0.01

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

R 001491

TACO Tier I Soil Remediation Objectives - Supplemental Industrial/Commercial Report (SPLP)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-009	10050296-020	10050296-024	
Client Sample ID :	GP-1 (6-8)	GP-9 (5-7)	GP-17 (4-6)	GP-21 (8-10)	
Date Collected :	05/10/2010 09:00	05/10/2010 12:10	05/10/2010 15:40	05/10/2010 16:50	

		Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values					
CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
7429-90-5	Aluminum									4.8	
7440-70-2	Calcium					---	---		5.9	7.5	
7440-47-3	Chromium					0.1	1.0		< 0.01		
7440-48-4	Cobalt					1.0	1.0		0.019		
7439-89-6	Iron					5.0	5.0		3		
7439-95-4	Magnesium					---	---		3	2.2	
7439-96-5	Manganese					0.15	10.0		0.02		
7440-22-4	Silver					0.05	---				< 0.004
7440-23-5	Sodium					---	---	9.3	< 5		

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding the Chemicals not in TACO Tier I objectives.

R 001492

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-029
Client Sample ID : GP-26 (2-4)
Date Collected : 05/10/2010 19:00

CAS No.	Analyte	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
7429-90-5	Aluminum							
7440-70-2	Calcium					---	---	
7440-47-3	Chromium					0.1	1.0	
7440-48-4	Cobalt					1.0	1.0	
7439-89-6	Iron					5.0	5.0	
7439-95-4	Magnesium					---	---	
7439-96-5	Manganese					0.15	10.0	
7440-22-4	Silver					0.05	---	< 0.004
7440-23-5	Sodium					---	---	

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table B.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Bolded/Italicized values have detected results exceeding

R 001493

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-028
Client Sample ID : GP-25 (2-4)
Date Collected : 05/10/2010 18:30
pH = 7.16

INORG Analyte	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values		
	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
	pH Range 6.9 to 7.24						
Arsenic	13.0/11.3	1,200	61	25,000	29	120	2.8
Barium	140,000	910,000	14,000	870,000	1,700	1,700	110
Cadmium	2,000	2,800	200	59,000	11	110	< 0.55
Chromium	6,100	420	4,100	690	36	No Data	17
Lead	800	---	700	---	107	1,420	9.4
Mercury	610	16	61	0.1	3.3	16	< 0.029
Selenium	10,000	—	1,000	—	4.5	4.5	< 1.1
Silver	10,000	—	1,000	—	13		< 1.1

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table B.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-001	10050296-004	10050296-013	10050296-021
Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-11 (5-7)	GP-18 (5-7)
Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 13:00	05/10/2010 16:00
	pH = 7.4	pH = 7.38	pH = 7.52	pH = 7.55

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values					
INORG Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	pH Range 7.25 to 7.74			
Aluminum	1,000,000	1,000,000	410,000	870,000			12000			13000
Antimony	820	---	82	---	5	20	< 2.2			< 2.2
Arsenic	13.0/11.3	1,200	61	25,000	30	120	4.3	1.7	4.1	5.1
Barium	140,000	910,000	14,000	870,000	1,800	1,800	68	18	82	190
Beryllium	4,100	2,100	410	44,000	1,000	130,000	0.56			0.7
Cadmium	2,000	2,800	200	59,000	59	590	< 0.55	< 0.48	< 0.44	< 0.55
Calcium	---	---	---	---			1600			4400
Chromium	6,100	420	4,100	690	32	No Data	15	5.1	14	17
Cobalt	120,000	---	12,000	---	See TCLP/SPLP	See TCLP/SPLP	5.3			6.6
Copper	82,000	---	8,200	---	330,000	330,000	6.4			12
Cyanide	41,000	---	4,100	---	40	120	< 0.3			< 0.3
Iron	1,000,000	---	140,000	---	See TCLP/SPLP	See TCLP/SPLP	16000			16000
Lead	800	---	700	---	107	1,420	12	3.2	7.9	17
Magnesium	---	---	730,000	---			2500			2400
Manganese	41,000	91,000	4,100	8,700	See TCLP/SPLP	See TCLP/SPLP	160			870
Mercury	610	16	61	0.1	6.4	32	< 0.023	< 0.026	< 0.028	< 0.023
Nickel	41,000	21,000	4,100	440,000	700	14,000	11			12
Potassium	---	---	---	---			820			840
Selenium	10,000	---	1,000	---	3.3	3.3	< 1.1	< 0.95	< 0.87	< 1.1
Silver	10,000	---	1,000	---	39		< 1.1	< 0.95	< 0.87	< 1.1
Sodium	---	---	---	---			< 660			< 67
Thallium	160	---	160	---	3.4	34	< 1.1			< 1.1
Vanadium	14,000	---	1,400	---	980	See TCLP/SPLP	33			31
Zinc	610,000	---	61,000	---	16,000	32,000	27			49

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table B.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.

R 001495

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID : 10050296-022
Client Sample ID : GP-19 (2-4)
Date Collected : 05/10/2010 16:20
pH = 7.69

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values		
	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	
INORG Analyte	pH Range 7.25 to 7.74						
Aluminum	1,000,000	1,000,000	410,000	870,000			
Antimony	820	—	82	—	5	20	
Arsenic	13.0/11.3	1,200	61	25,000	30	120	3.8
Barium	140,000	910,000	14,000	870,000	1,800	1,800	170
Beryllium	4,100	2,100	410	44,000	1,000	130,000	
Cadmium	2,000	2,800	200	59,000	59	590	< 0.56
Calcium	—	—	—	—			
Chromium	6,100	420	4,100	690	32	No Data	15
Cobalt	120,000	—	12,000	—	See TCLP/SPLP	See TCLP/SPLP	
Copper	82,000	—	8,200	—	330,000	330,000	
Cyanide	41,000	—	4,100	—	40	120	
Iron	1,000,000	—	140,000	—	See TCLP/SPLP	See TCLP/SPLP	
Lead	800	—	700	—	107	1,420	15
Magnesium	—	—	730,000	—			
Manganese	41,000	91,000	4,100	8,700	See TCLP/SPLP	See TCLP/SPLP	
Mercury	610	16	61	0.1	6.4	32	< 0.026
Nickel	41,000	21,000	4,100	440,000	700	14,000	
Potassium	—	—	—	—			
Selenium	10,000	—	1,000	—	3.3	3.3	< 1.1
Silver	10,000	—	1,000	—	39		< 1.1
Sodium	—	—	—	—			
Thallium	160	—	160	—	3.4	34	
Vanadium	14,000	—	1,400	—	980	See TCLP/SPLP	
Zinc	610,000	—	61,000	—	16,000	32,000	

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table B.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-005	10050296-007	10050296-009	10050296-017
Client Sample ID :	GP-5 (1-3)	GP-7 (4-6)	GP-9 (5-7)	GP-15 (1-3)
Date Collected :	05/10/2010 11:00	05/10/2010 11:40	05/10/2010 12:10	05/10/2010 15:00
	pH = 7.83	pH = 8.04	pH = 8.14	pH = 7.84

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values					
	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
INORG Analyte	pH Range 7.75 to 8.24									
Aluminum	1,000,000	1,000,000	410,000	870,000					2400	
Antimony	820	---	82	---	5	20			< 4.9	
Arsenic	13.0/11.3	1,200	61	25,000	31	120	2.6	< 1.1	1.7	3
Barium	140,000	910,000	14,000	870,000	2,100	2,100	430	17	840	99
Beryllium	4,100	2,100	410	44,000	8,000	1,000,000			< 0.62	
Cadmium	2,000	2,800	200	59,000	430	4,300	< 0.52	< 0.53	< 0.62	< 0.52
Calcium	---	---	---	---					12000	
Chromium	6,100	420	4,100	690	28	No Data	9.4	4.1	1502	9.7
Cobalt	120,000	---	12,000	---	See TCLP/SPLP	See TCLP/SPLP			63	
Copper	82,000	---	8,200	---	330,000	330,000			45	
Cyanide	41,000	---	4,100	---	40	120			< 0.34	
Iron	1,000,000	---	140,000	---	See TCLP/SPLP	See TCLP/SPLP			200000	
Lead	800	---	700	---	107	1,420	20	1.9	39	13
Magnesium	---	---	730,000	---					11000	
Manganese	41,000	91,000	4,100	8,700	See TCLP/SPLP	See TCLP/SPLP			890	
Mercury	610	16	61	0.1	8.0	40	< 0.027	< 0.026	< 0.026	< 0.025
Nickel	41,000	21,000	4,100	440,000	3,800	76,000			230	
Potassium	---	---	---	---					170	
Selenium	10,000	---	1,000	---	2.4	2.4	< 1	< 1.1	< 1.2	< 1
Silver	10,000	---	1,000	---	110		< 1	< 1.1	< 1.2	< 1
Sodium	---	---	---	---					< 150	
Thallium	160	---	160	---	3.8	38			< 1.2	
Vanadium	14,000	---	1,400	---	980	See TCLP/SPLP			11	
Zinc	610,000	---	61,000	---	53,000	110,000			37	

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table B.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.

R 001497

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-020	10050296-023
Client Sample ID :	GP-17 (4-6)	GP-20 (8.5-9.5)
Date Collected :	05/10/2010 15:40	05/10/2010 16:35
	pH = 7.98	pH = 8

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values			
	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II		
INORG Analyte	pH Range 7.75 to 8.24							
Aluminum	1,000,000	1,000,000	410,000	870,000			11000	
Antimony	820	---	82	---	5	20	< 2.2	
Arsenic	13.0/11.3	1,200	61	25,000	31	120	3.8	3.2
Barium	140,000	910,000	14,000	870,000	2,100	2,100	110	44
Beryllium	4,100	2,100	410	44,000	8,000	1,000,000	< 0.54	
Cadmium	2,000	2,800	200	59,000	430	4,300	< 0.54	< 0.54
Calcium	---	---	---	---			27000	
Chromium	6,100	420	4,100	690	28	No Data	15	13
Cobalt	120,000	---	12,000	---	See TCLP/SPLP	See TCLP/SPLP	8.6	
Copper	82,000	---	8,200	---	330,000	330,000	8.5	
Cyanide	41,000	---	4,100	---	40	120	< 0.28	
Iron	1,000,000	---	140,000	---	See TCLP/SPLP	See TCLP/SPLP	12000	
Lead	800	---	700	---	107	1,420	11	6.4
Magnesium	---	---	730,000	---			13000	
Manganese	41,000	91,000	4,100	8,700	See TCLP/SPLP	See TCLP/SPLP	500	
Mercury	610	16	61	0.1	8.0	40	< 0.021	< 0.027
Nickel	41,000	21,000	4,100	440,000	3,800	76,000	34	
Potassium	---	---	---	---			670	
Selenium	10,000	---	1,000	---	2.4	2.4	< 1.1	< 1.1
Silver	10,000	---	1,000	---	110		< 1.1	< 1.1
Sodium	---	---	---	---			< 65	
Thallium	160	---	160	---	3.8	38	< 1.1	
Vanadium	14,000	---	1,400	---	980	See TCLP/SPLP	25	
Zinc	610,000	---	61,000	---	53,000	110,000	31	

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table B.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :	10050296-014	10050296-024	10050296-027	10050296-029
Client Sample ID :	GP-12 (3-5)	GP-21 (8-10)	GP-24 (3-5)	GP-26 (2-4)
Date Collected :	05/10/2010 13:20	05/10/2010 16:50	05/10/2010 17:40	05/10/2010 19:00
	pH = 8.45	pH = 8.45	pH = 8.34	pH = 8.56

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		pH Specific Soil Component of Groundwater Ingestion Route Values					
	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II				
INORG Analyte	pH Range 8.25 to 8.74									
Aluminum	1,000,000	1,000,000	410,000	870,000			3200			
Antimony	820	---	82	---	5	20	< 1.8			
Arsenic	13.0/11.3	1,200	61	25,000	32	130	1.8	2.2	1.7	< 1.1
Barium	140,000	910,000	14,000	870,000	NDA	NDA	18	30	28	10
Beryllium	4,100	2,100	410	44,000	NDA	NDA	< 0.45			
Cadmium	2,000	2,800	200	59,000	NDA	NDA	< 0.45	< 0.54	< 0.39	< 0.54
Calcium	---	---	---	---			120000			
Chromium	6,100	420	4,100	690	24	No Data	8.3	10	11	3.8
Cobalt	120,000	---	12,000	---	See TCLP/SPLP	See TCLP/SPLP	2.1			
Copper	82,000	---	8,200	---	NDA	NDA	4.9			
Cyanide	41,000	---	4,100	---	40	120	< 0.27			
Iron	1,000,000	---	140,000	---	See TCLP/SPLP	See TCLP/SPLP	7500			
Lead	800	---	700	---	107	1,420	3.6	5.1	4.4	2.4
Magnesium	---	---	730,000	---			54000			
Manganese	41,000	91,000	4,100	8,700	See TCLP/SPLP	See TCLP/SPLP	260			
Mercury	610	16	61	0.1	NDA	NDA	< 0.019	< 0.025	< 0.026	< 0.026
Nickel	41,000	21,000	4,100	440,000	NDA	NDA	7.1			
Potassium	---	---	---	---			520			
Selenium	10,000	---	1,000	---	1.8	1.8	< 0.89	< 1.1	< 0.79	< 1.1
Silver	10,000	---	1,000	---	NDA		< 0.89	< 1.1	< 0.79	< 1.1
Sodium	---	---	---	---			< 540			
Thallium	160	---	160	---	4.4	44	< 0.89			
Vanadium	14,000	---	1,400	---	980	See TCLP/SPLP	14			
Zinc	610,000	---	61,000	---	NDA	NDA	14			

The actual laboratory determined pH values are listed and used for reference purposes.
NDA - No Data Available for this pH range.
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table B.
Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.
Bolded/Shaded values exceed the lowest pH specific remediation objective.
Chromium Class I / II objectives based on hexavalent chromium.

R 001499

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

		Concentration of Chemicals in Background Soils									
		City of			Laboratory ID :	10050296-001	10050296-004	10050296-005	10050296-007	10050296-009	10050296-013	10050296-014
					Client Sample ID :	GP-1 (6-8)	GP-4 (3-5)	GP-5 (1-3)	GP-7 (4-6)	GP-9 (5-7)	GP-11 (5-7)	GP-12 (3-5)
	Analyte	Chicago	Within MSA	Outside MSA	Date Collected :	05/10/2010 09:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:40	05/10/2010 12:10	05/10/2010 13:00	05/10/2010 13:20
PNA	Acenaphthene	0.09	0.13	0.04		< 0.027	< 0.024	< 0.025	< 0.024	0.31	< 0.025	< 0.024
	Acenaphthylene	0.03	0.07	0.04		< 0.027	< 0.024	< 0.025	< 0.024	0.26	< 0.025	< 0.024
	Anthracene	0.25	0.40	0.14		< 0.027	< 0.024	< 0.025	< 0.024	0.057	< 0.025	< 0.024
	Benz(a)anthracene	1.1	1.8	0.72		< 0.027	< 0.024	0.047	< 0.024	0.053	< 0.025	< 0.024
	Benzo(a)pyrene	1.3	2.1	0.98		< 0.027	< 0.024	0.044	< 0.024	0.15	< 0.025	< 0.024
	Benzo(b)fluoranthene	1.5	2.1	0.70		< 0.027	< 0.024	0.052	< 0.024	0.12	< 0.025	< 0.024
	Benzo(g,h,i)perylene	0.68	1.7	0.84		< 0.027	< 0.024	0.026	< 0.024	0.17	< 0.025	< 0.024
	Benzo(k)fluoranthene	1.0	1.7	0.63		< 0.027	< 0.024	0.038	< 0.024	0.097	< 0.025	< 0.024
	Chrysene	1.2	2.7	1.1		< 0.027	< 0.024	0.051	< 0.024	0.053	< 0.025	< 0.024
	Dibenz(a,h)anthracene	0.20	0.42	0.15		< 0.027	< 0.024	< 0.025	< 0.024	< 0.04	< 0.025	< 0.024
	Fluoranthene	2.7	4.1	1.8		< 0.027	< 0.024	0.11	< 0.024	0.12	< 0.025	< 0.024
	Fluorene	0.10	0.18	0.04		< 0.027	< 0.024	< 0.025	< 0.024	0.33	< 0.025	< 0.024
	Indeno(1,2,3-cd)pyrene	0.86	1.6	0.51		< 0.027	< 0.024	0.026	< 0.024	0.19	< 0.025	< 0.024
	Naphthalene	0.04	0.20	0.17		< 0.027	< 0.024	< 0.025	< 0.024	< 3	< 0.025	< 0.024
	Phenanthrene	1.3	2.5	0.99		< 0.027	< 0.024	0.04	< 0.024	0.3	< 0.025	< 0.024
	Pyrene	1.9	3.0	1.2		< 0.027	< 0.024	0.092	< 0.024	0.11	< 0.025	< 0.024
INORG	Aluminum		9,500	9,200		2000				2400		3200
	Antimony		4.0	3.3		< 2.2				< 4.9		< 1.8
	Arsenic		13.0	11.3		4.3	1.7	2.6	< 1.1	1.7	4.1	1.8
	Barium		110	122		68	18	430	17	240	82	18
	Beryllium		0.59	0.56		0.56				< 0.62		< 0.45
	Cadmium		0.6	0.50		< 0.55	< 0.48	< 0.52	< 0.53	< 0.62	< 0.44	< 0.45
	Calcium		9,300	5,525		1600				12000		130000
	Chromium		16.2	13.0		15	5.1	9.4	4.1	150	14	8.3
	Cobalt		8.9	8.9		5.3				7.3		2.1
	Copper		19.6	12.0		6.4				45		4.9
	Cyanide		0.51	0.50		< 0.3				< 0.34		< 0.27
	Iron		15,900	15,000		16000				20000		7500
	Lead		36.0	20.9		12	3.2	20	1.9	39	7.9	3.6
	Magnesium		4,820	2,700		2500				11000		84000
	Manganese		636	630		160				890		260
	Mercury		0.06	0.05		< 0.023	< 0.026	< 0.027	< 0.026	< 0.026	< 0.028	< 0.019
	Nickel		18.0	13.0		11				250		7.1
	Potassium		1,268	1,100		820				170		520
	Selenium		0.48	0.37		< 1.1	< 0.95	< 1	< 1.1	< 1.2	< 0.87	< 0.89
	Silver		0.55	0.50		< 1.1	< 0.95	< 1	< 1.1	< 1.2	< 0.87	< 0.89
	Sodium		130	130.0		< 660				< 150		< 540
	Thallium		0.32	0.42		< 1.1				< 1.2		< 0.89
	Vanadium		25.2	25.0		33				11		14
	Zinc		95.0	60.2		27				37		14

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

		Concentration of Chemicals in Background Soils									
		City of Chicago	Within MSA	Outside MSA							
	Laboratory ID :				10050296-017	10050296-020	10050296-021	10050296-022	10050296-023	10050296-024	10050296-027
	Client Sample ID :				GP-15 (1-3)	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)	GP-21 (8-10)	GP-24 (3-5)
	Date Collected :				05/10/2010 15:00	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35	05/10/2010 16:50	05/10/2010 17:40
	Analyte										
PNA	Acenaphthene	0.09	0.13	0.04	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Acenaphthylene	0.03	0.07	0.04	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Anthracene	0.25	0.40	0.14	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benz(a)anthracene	1.1	1.8	0.72	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(a)pyrene	1.3	2.1	0.98	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(b)fluoranthene	1.5	2.1	0.70	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(g,h,i)perylene	0.68	1.7	0.84	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Benzo(k)fluoranthene	1.0	1.7	0.63	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Chrysene	1.2	2.7	1.1	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Dibenz(a,h)anthracene	0.20	0.42	0.15	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Fluoranthene	2.7	4.1	1.8	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Fluorene	0.10	0.18	0.04	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Indeno(1,2,3-cd)pyrene	0.86	1.6	0.51	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Naphthalene	0.04	0.20	0.17	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Phenanthrene	1.3	2.5	0.99	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
	Pyrene	1.9	3.0	1.2	< 0.025	< 0.026	< 0.027	< 0.025	< 0.025	< 0.025	< 0.025
INORG	Aluminum		9,500	9,200		11000	13000				
	Antimony		4.0	3.3		< 2.2	< 2.2				
	Arsenic		13.0	11.3	3	3.8	5.1	3.8	3.2	2.2	1.7
	Barium		110	122	99	110	192	170	44	30	28
	Beryllium		0.59	0.56		< 0.54	0.7				
	Cadmium		0.6	0.50	< 0.52	< 0.54	< 0.55	< 0.56	< 0.54	< 0.54	< 0.39
	Calcium		9,300	5,525		17000	4400				
	Chromium		16.2	13.0	9.7	15	17	15	13	10	11
	Cobalt		8.9	8.9		8.6	6.6				
	Copper		19.6	12.0		8.5	12				
	Cyanide		0.51	0.50		< 0.28	< 0.3				
	Iron		15,900	15,000		12000	16000				
	Lead		36.0	20.9	13	11	17	15	6.4	5.1	4.4
	Magnesium		4,820	2,700		13000	2400				
	Manganese		636	630		500	870				
	Mercury		0.06	0.05	< 0.025	< 0.021	< 0.023	< 0.026	< 0.027	< 0.025	< 0.026
	Nickel		18.0	13.0		31	12				
	Potassium		1,268	1,100		670	840				
	Selenium		0.48	0.37	< 1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.79
	Silver		0.55	0.50	< 1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.79
	Sodium		130	130.0		< 65	< 67				
	Thallium		0.32	0.42		< 1.1	< 1.1				
	Vanadium		25.2	25.0		25	31				
	Zinc		95.0	60.2		31	49				

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

R 001501

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

		Laboratory ID :	10050296-028	10050296-029		
		Client Sample ID :	GP-25 (2-4)	GP-26 (2-4)		
		Date Collected :	05/10/2010 18:30	05/10/2010 19:00		
		Concentration of Chemicals in Background Soils				
	Analyte	City of Chicago	Within MSA	Outside MSA		
PNA	Acenaphthene	0.09	0.13	0.04	< 0.026	< 0.025
	Acenaphthylene	0.03	0.07	0.04	< 0.026	< 0.025
	Anthracene	0.25	0.40	0.14	< 0.026	< 0.025
	Benz(a)anthracene	1.1	1.8	0.72	< 0.026	< 0.025
	Benzo(a)pyrene	1.3	2.1	0.98	< 0.026	< 0.025
	Benzo(b)fluoranthene	1.5	2.1	0.70	< 0.026	< 0.025
	Benzo(g,h,i)perylene	0.68	1.7	0.84	< 0.026	< 0.025
	Benzo(k)fluoranthene	1.0	1.7	0.63	< 0.026	< 0.025
	Chrysene	1.2	2.7	1.1	< 0.026	< 0.025
	Dibenz(a,h)anthracene	0.20	0.42	0.15	< 0.026	< 0.025
	Fluoranthene	2.7	4.1	1.8	< 0.026	< 0.025
	Fluorene	0.10	0.18	0.04	< 0.026	< 0.025
	Indeno(1,2,3-cd)pyrene	0.86	1.6	0.51	< 0.026	< 0.025
	Naphthalene	0.04	0.20	0.17	< 0.026	< 0.025
	Phenanthrene	1.3	2.5	0.99	< 0.026	< 0.025
	Pyrene	1.9	3.0	1.2	< 0.026	< 0.025
INORG	Aluminum		9,500	9,200		
	Antimony		4.0	3.3		
	Arsenic		13.0	11.3	2.8	< 1.1
	Barium		110	122	110	10
	Beryllium		0.59	0.56		
	Cadmium		0.6	0.50	< 0.55	< 0.54
	Calcium		9,300	5,525		
	Chromium		16.2	13.0	17	3.8
	Cobalt		8.9	8.9		
	Copper		19.6	12.0		
	Cyanide		0.51	0.50		
	Iron		15,900	15,000		
	Lead		36.0	20.9	9.4	2.4
	Magnesium		4,820	2,700		
	Manganese		636	630		
	Mercury		0.06	0.05	< 0.029	< 0.026
	Nickel		18.0	13.0		
	Potassium		1,268	1,100		
	Selenium		0.48	0.37	< 1.1	< 1.1
	Silver		0.55	0.50	< 1.1	< 1.1
	Sodium		130	130.0		
	Thallium		0.32	0.42		
	Vanadium		25.2	25.0		
	Zinc		95.0	60.2		

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Soil Saturation Limits)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

				Laboratory ID :	10050296-001	10050296-002	10050296-003	10050296-004	10050296-005	10050296-006	10050296-007	10050296-008
				Client Sample ID :	GP-1 (6-8)	GP-2 (4-6)	GP-3 (4-6)	GP-4 (3-5)	GP-5 (1-3)	GP-6 (5-7)	GP-7 (4-6)	GP-8 (2-4)
				Date Collected :	05/10/2010 09:00	05/10/2010 09:30	05/10/2010 10:00	05/10/2010 10:35	05/10/2010 11:00	05/10/2010 11:15	05/10/2010 11:40	05/10/2010 12:00
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point < 30°C (C_{sat})								
VOC	67-64-1	Acetone	100,000	< 0.071	0.13	< 0.073	< 0.077	< 0.072	< 0.064	< 0.072	< 0.07
	71-43-2	Benzene	870	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-27-4	Bromodichloromethane	3,000	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-25-2	Bromoform	1,900	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	74-83-9	Bromomethane	3,200	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096	< 0.0085	< 0.0096	< 0.0093
	75-15-0	Carbon disulfide	720	< 0.048	< 0.044	< 0.049	< 0.051	< 0.048	< 0.043	< 0.048	< 0.046
	56-23-5	Carbon tetrachloride	1,100	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	108-90-7	Chlorobenzene	680	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	67-66-3	Chloroform	2,900	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	124-48-1	Dibromochloromethane	1,300	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-34-3	1,1-Dichloroethane	1,700	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	107-06-2	1,2-Dichloroethane	1,800	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-35-4	1,1-Dichloroethene	1,500	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	78-87-5	1,2-Dichloropropane	1,100	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019	< 0.0017	< 0.0019	< 0.0019
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0019	< 0.0018	< 0.002	< 0.002	< 0.0019	< 0.0017	< 0.0019	< 0.0019
	100-41-4	Ethylbenzene	400	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-09-2	Methylene chloride	2,400	< 0.0095	< 0.0088	< 0.0098	< 0.01	< 0.0096	< 0.0085	< 0.0096	< 0.0093
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	100-42-5	Styrene	1,500	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	127-18-4	Tetrachloroethene	240	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	108-88-3	Toluene	650	< 0.0048	< 0.0044	< 0.0049	0.0096	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	71-55-6	1,1,1-Trichloroethane	1,200	< 0.0048	< 0.0044	0.0055	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	79-01-6	Trichloroethene	1,300	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	75-01-4	Vinyl chloride	1,200	< 0.0048	< 0.0044	< 0.0049	< 0.0051	< 0.0048	< 0.0043	< 0.0048	< 0.0046
	1330-20-7	Xylenes, Total	320	< 0.014	< 0.013	< 0.015	< 0.015	< 0.014	< 0.013	< 0.014	< 0.014
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200	< 0.19			< 0.16	< 0.17		< 0.17	
	95-50-1	1,2-Dichlorobenzene	560	< 0.19			< 0.16	< 0.17		< 0.17	
	95-57-8	2-Chlorophenol	53,000	< 0.19			< 0.16	< 0.17		< 0.17	
	111-44-4	Bis(2-chloroethyl)ether	3,300	< 0.19			< 0.16	< 0.17		< 0.17	
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000	< 0.19			< 0.16	< 0.17		< 0.17	
	85-68-7	Butyl benzyl phthalate	930	< 0.19			< 0.16	< 0.17		< 0.17	
	84-74-2	Di-n-butyl phthalate	2,300	< 0.19			< 0.16	< 0.17		< 0.17	
	117-84-0	Di-n-octyl phthalate	10,000	< 0.19			< 0.16	< 0.17		< 0.17	
	84-66-2	Diethyl phthalate	2,000	< 0.19			< 0.16	< 0.17		< 0.17	
	77-47-4	Hexachlorocyclopentadiene	2,200	< 0.19			< 0.16	< 0.17		< 0.17	
	78-59-1	Isophorone	4,600	< 0.19			< 0.16	< 0.17		< 0.17	
	98-95-3	Nitrobenzene	1,000	< 0.19			< 0.16	< 0.17		< 0.17	

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Soil Saturation Limits)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :			10050296-009	10050296-011	10050296-012	10050296-013	10050296-014	10050296-015	10050296-016	10050296-017
Client Sample ID :			GP-9 (5-7)	GP-10 (2-4)	GP-11 (1-3)	GP-11 (5-7)	GP-12 (3-5)	GP-13 (4-6)	GP-14 (3-5)	GP-15 (1-3)
Date Collected :			05/10/2010 12:10	05/10/2010 12:45	05/10/2010 13:00	05/10/2010 13:00	05/10/2010 13:20	05/10/2010 13:40	05/10/2010 14:10	05/10/2010 15:00
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point <30°C (C_{sat})								
VOC	67-64-1	Acetone	100,000	< 0.062	< 0.067	< 0.065	< 0.069	< 0.067	< 0.065	0.084	< 0.07
	71-43-2	Benzene	870	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-27-4	Bromodichloromethane	3,000	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-25-2	Bromoform	1,900	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	74-83-9	Bromomethane	3,200	< 0.0083	< 0.0089	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098	< 0.0093
	75-15-0	Carbon disulfide	720	< 0.041	< 0.045	< 0.043	< 0.046	< 0.045	< 0.043	< 0.049	< 0.047
	56-23-5	Carbon tetrachloride	1,100	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	108-90-7	Chlorobenzene	680	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	67-66-3	Chloroform	2,900	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	124-48-1	Dibromochloromethane	1,300	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-34-3	1,1-Dichloroethane	1,700	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	107-06-2	1,2-Dichloroethane	1,800	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-35-4	1,1-Dichloroethene	1,500	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	78-87-5	1,2-Dichloropropane	1,100	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0017	< 0.0018	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002	< 0.0019
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0017	< 0.0018	< 0.0017	< 0.0019	< 0.0018	< 0.0017	< 0.002	< 0.0019
	100-41-4	Ethylbenzene	400	0.0063	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-09-2	Methylene chloride	2,400	< 0.0083	< 0.0089	< 0.0086	< 0.0093	< 0.009	< 0.0086	< 0.0098	< 0.0093
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	100-42-5	Styrene	1,500	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	127-18-4	Tetrachloroethene	240	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	108-88-3	Toluene	650	< 0.0041	< 0.0045	0.0067	< 0.0046	0.0063	< 0.0043	< 0.0049	< 0.0047
	71-55-6	1,1,1-Trichloroethane	1,200	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	79-01-6	Trichloroethene	1,300	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	75-01-4	Vinyl chloride	1,200	< 0.0041	< 0.0045	< 0.0043	< 0.0046	< 0.0045	< 0.0043	< 0.0049	< 0.0047
	1330-20-7	Xylenes, Total	320	0.033	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.015	< 0.014
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200	< 0.21			< 0.17	< 0.16			< 0.17
	95-50-1	1,2-Dichlorobenzene	560	< 0.21			< 0.17	< 0.16			< 0.17
	95-57-8	2-Chlorophenol	53,000	< 0.21			< 0.17	< 0.16			< 0.17
	111-44-4	Bis(2-chloroethyl)ether	3,300	< 0.21			< 0.17	< 0.16			< 0.17
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000	< 0.21			< 0.17	< 0.16			< 0.17
	85-68-7	Butyl benzyl phthalate	930	< 0.21			< 0.17	< 0.16			< 0.17
	84-74-2	Di-n-butyl phthalate	2,300	< 0.21			< 0.17	< 0.16			< 0.17
	117-84-0	Di-n-octyl phthalate	10,000	< 0.21			< 0.17	< 0.16			< 0.17
	84-66-2	Diethyl phthalate	2,000	< 0.21			< 0.17	< 0.16			< 0.17
	77-47-4	Hexachlorocyclopentadiene	2,200	< 0.21			< 0.17	< 0.16			< 0.17
	78-59-1	Isophorone	4,600	< 0.21			< 0.17	< 0.16			< 0.17
	98-95-3	Nitrobenzene	1,000	< 0.21			< 0.17	< 0.16			< 0.17

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Soil Saturation Limits)

Client: Environmental Group Services, Ltd.
Project: Marengo 5-10
Laboratory: STAT ANALYSIS

Laboratory ID :			10050296-018	10050296-019	10050296-020	10050296-021	10050296-022	10050296-023	10050296-024	10050296-025
Client Sample ID :			GP-15 (6-8)	GP-16 (2-4)	GP-17 (4-6)	GP-18 (5-7)	GP-19 (2-4)	GP-20 (8.5-9.5)	GP-21 (8-10)	GP-22 (2-4)
Date Collected :			05/10/2010 15:00	05/10/2010 15:20	05/10/2010 15:40	05/10/2010 16:00	05/10/2010 16:20	05/10/2010 16:35	05/10/2010 16:50	05/10/2010 17:10
	CAS No.	Analyte	Soil Saturation Limits for Chemicals With Melting Point < 30°C (C_{sat})								
VOC	67-64-1	Acetone	100,000	< 0.083	< 0.06	< 0.077	< 0.079	< 0.077	< 0.064	< 0.054	0.082
	71-43-2	Benzene	870	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-27-4	Bromodichloromethane	3,000	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-25-2	Bromoform	1,900	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	74-83-9	Bromomethane	3,200	< 0.011	< 0.008	< 0.01	< 0.011	< 0.01	< 0.0085	< 0.0072	< 0.01
	75-15-0	Carbon disulfide	720	< 0.056	< 0.04	< 0.052	< 0.053	< 0.051	< 0.042	< 0.036	< 0.052
	56-23-5	Carbon tetrachloride	1,100	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	108-90-7	Chlorobenzene	680	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	67-66-3	Chloroform	2,900	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	124-48-1	Dibromochloromethane	1,300	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-34-3	1,1-Dichloroethane	1,700	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	107-06-2	1,2-Dichloroethane	1,800	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-35-4	1,1-Dichloroethene	1,500	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	156-59-2	cis-1,2-Dichloroethene	1,200	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	156-60-5	trans-1,2-Dichloroethene	3,100	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	78-87-5	1,2-Dichloropropane	1,100	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	10061-01-5	cis-1,3-Dichloropropene	1,400	< 0.0022	< 0.0016	< 0.0021	< 0.0021	< 0.002	< 0.0017	< 0.0014	< 0.0021
	10061-02-6	trans-1,3-Dichloropropene	1,400	< 0.0022	< 0.0016	< 0.0021	< 0.0021	< 0.002	< 0.0017	< 0.0014	< 0.0021
	100-41-4	Ethylbenzene	400	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-09-2	Methylene chloride	2,400	< 0.011	< 0.008	< 0.01	< 0.011	< 0.01	< 0.0085	< 0.0072	< 0.01
	1634-04-4	Methyl tert-butyl ether	8,800	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	100-42-5	Styrene	1,500	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	127-18-4	Tetrachloroethene	240	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	108-88-3	Toluene	650	< 0.0056	0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	71-55-6	1,1,1-Trichloroethane	1,200	< 0.0056	< 0.004	0.0069	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	79-00-5	1,1,2-Trichloroethane	1,800	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	79-01-6	Trichloroethene	1,300	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	75-01-4	Vinyl chloride	1,200	< 0.0056	< 0.004	< 0.0052	< 0.0053	< 0.0051	< 0.0042	< 0.0036	< 0.0052
	1330-20-7	Xylenes, Total	320	< 0.017	< 0.012	< 0.015	< 0.016	< 0.015	< 0.013	< 0.011	< 0.015
SVOC	120-82-1	1,2,4-Trichlorobenzene	3,200			< 0.17	< 0.18	< 0.17		< 0.17	
	95-50-1	1,2-Dichlorobenzene	560			< 0.17	< 0.18	< 0.17		< 0.17	
	95-57-8	2-Chlorophenol	53,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	111-44-4	Bis(2-chloroethyl)ether	3,300			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	117-81-7	Bis(2-ethylhexyl)phthalate	31,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	85-68-7	Butyl benzyl phthalate	930			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	84-74-2	Di-n-butyl phthalate	2,300			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	117-84-0	Di-n-octyl phthalate	10,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	84-66-2	Diethyl phthalate	2,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	77-47-4	Hexachlorocyclopentadiene	2,200			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	78-59-1	Isophorone	4,600			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	
	98-95-3	Nitrobenzene	1,000			< 0.17	< 0.18	< 0.17	< 0.17	< 0.17	

All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table A.